

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114382.D
 Acq On : 18 May 2019 11:18
 Operator : JU/SJ
 Sample : PB119779BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:07:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	219237	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	848571	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	402139	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	788608	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	611391	20.00	ng	-0.02
87) Perylene-d12	15.46	264	377254	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1536900	112.81	ng	0.00
7) Phenol-d6	6.49	99	1955599	121.37	ng	0.00
23) Nitrobenzene-d5	7.40	82	1111181	73.49	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	484385	116.51	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1952710	73.45	ng	-0.02
79) Terphenyl-d14	12.93	244	2095737	70.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.69	88	275666	36.813	ng	99
3) Pyridine	3.43	79	645227	31.274	ng	97
4) n-Nitrosodimethylamine	3.39	42	340866	34.261	ng	94
6) Aniline	6.50	93	552934	23.756	ng	# 1
8) 2-Chlorophenol	6.63	128	615943	42.351	ng	97
9) Benzaldehyde	6.39	77	36441	3.231	ng	98
10) Phenol	6.50	94	723212	38.155	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	604942	42.039	ng	100
12) 1,3-Dichlorobenzene	6.78	146	640005	39.203	ng	99
13) 1,4-Dichlorobenzene	6.85	146	645702	39.250	ng	98
14) 1,2-Dichlorobenzene	7.00	146	599655	39.898	ng	97
15) Benzyl Alcohol	6.98	79	500407	39.819	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1102930	39.529	ng	79
17) 2-Methylphenol	7.10	107	481541	40.306	ng	95
18) Hexachloroethane	7.35	117	244436	39.585	ng	99
19) n-Nitroso-di-n-propylamine	7.25	70	418640	40.990	ng	99
20) 3+4-Methylphenols	7.25	107	607013	43.976	ng	# 79
22) Acetophenone	7.25	105	805538	42.851	ng	93
24) Nitrobenzene	7.42	77	653001	42.401	ng	99
25) Isophorone	7.66	82	1195961	42.648	ng	100
26) 2-Nitrophenol	7.73	139	339364	45.420	ng	95
27) 2,4-Dimethylphenol	7.77	122	541134	46.113	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	755656	41.530	ng	99
29) 2,4-Dichlorophenol	7.98	162	505368	43.248	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	543984	40.939	ng	99
31) Naphthalene	8.14	128	1729542	43.633	ng	99
32) Benzoic acid	7.92	122	356243	43.368	ng	99
33) 4-Chloroaniline	8.19	127	481688	26.667	ng	99
34) Hexachlorobutadiene	8.25	225	302658	40.031	ng	99
35) Caprolactam	8.56	113	93424	24.519	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	525044	44.638	ng	96
37) 2-Methylnaphthalene	8.83	142	1165802	45.585	ng	98
38) 1-Methylnaphthalene	8.93	142	1103515	45.820	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	521169	42.783	ng	100

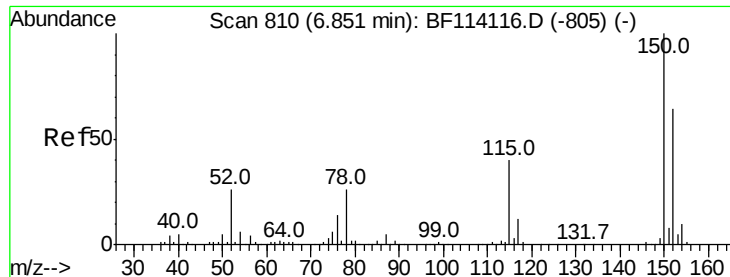
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	201982	37.991	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	328159	39.165	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	354675	41.275	nq	97
46) 1,1'-Biphenyl	9.29	154	1404929	43.245	nq	99
47) 2-Chloronaphthalene	9.32	162	1072287	41.012	nq	96
48) 2-Nitroaniline	9.42	65	372202	40.141	nq	98
49) Acenaphthylene	9.73	152	1697506	42.688	nq	99
50) Dimethylphthalate	9.59	163	1243643	42.128	nq	100
51) 2,6-Dinitrotoluene	9.66	165	278627	42.554	nq	96
52) Acenaphthene	9.90	154	995350	40.790	nq	98
53) 3-Nitroaniline	9.83	138	225635	27.760	nq	99
54) 2,4-Dinitrophenol	9.95	184	261803	79.558	nq	98
55) Dibenzofuran	10.07	168	1455435	40.675	nq	99
56) 4-Nitrophenol	10.01	139	353167	61.442	nq	97
57) 2,4-Dinitrotoluene	10.07	165	354470	39.886	nq	91
58) Fluorene	10.42	166	1176626	42.572	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289837	39.091	nq	99
60) Diethylphthalate	10.29	149	1241836	41.402	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	563245	41.493	nq	97
62) 4-Nitroaniline	10.45	138	312321	36.567	nq	97
63) Azobenzene	10.57	77	1214581	41.834	nq	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	173777	45.859	nq	81
66) n-Nitrosodiphenylamine	10.53	169	1055173	44.086	nq	98
67) 4-Bromophenyl-phenylether	10.90	248	359411	41.393	nq	96
68) Hexachlorobenzene	10.97	284	385825	40.166	nq	96
69) Atrazine	11.05	200	292793	39.310	nq	97
70) Pentachlorophenol	11.17	266	305656	67.126	nq	100
71) Phenanthrene	11.38	178	1657324	43.197	nq	99
72) Anthracene	11.43	178	1712847	44.448	nq	99
73) Carbazole	11.59	167	1630185	44.362	nq	99
74) Di-n-butylphthalate	11.91	149	1968624	46.500	nq	100
75) Fluoranthene	12.57	202	1810966	43.832	nq	97
77) Benzidine	12.69	184	482734	17.590	nq	96
78) Pyrene	12.80	202	1850081	37.616	nq	99
80) Butylbenzylphthalate	13.40	149	873215	42.181	nq	97
81) Benzo(a)anthracene	13.99	228	1515440	38.322	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	486714	31.728	nq	100
83) Chrysene	14.03	228	1497793	38.638	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1207629	44.603	nq	100
85) Di-n-octyl phthalate	14.57	149	1952444	44.484	nq	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1206131	35.206	nq	99
88) Benzo(b)fluoranthene	15.04	252	1418138	58.676	nq	100
89) Benzo(k)fluoranthene	15.07	252	1322733	59.578	nq	99
90) Benzo(a)pyrene	15.40	252	1259752	59.225	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	1021711	57.805	nq	99
92) Benzo(g,h,i)perylene	17.38	276	1031384	58.227	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

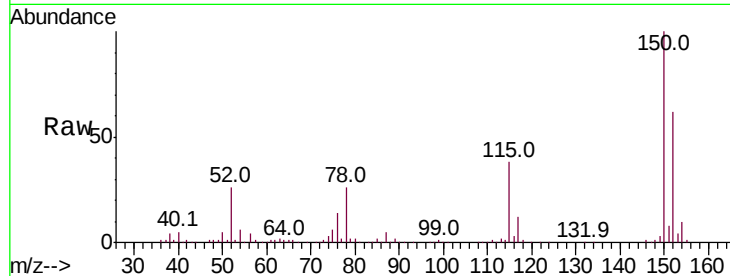


#1

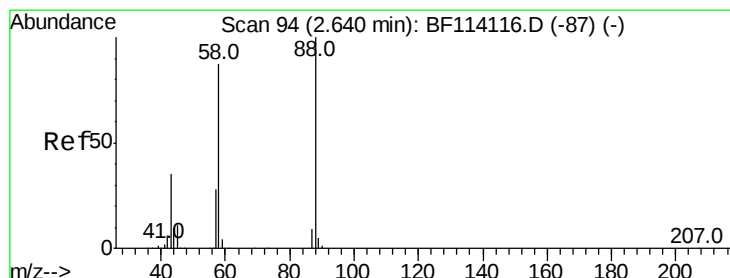
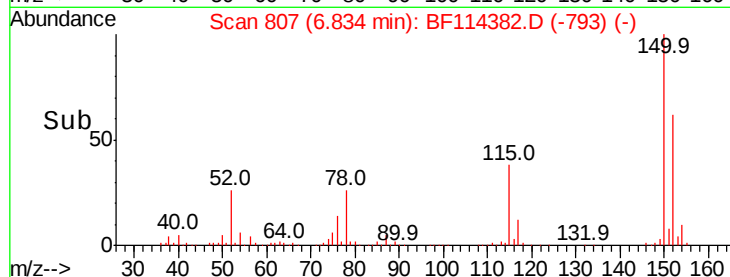
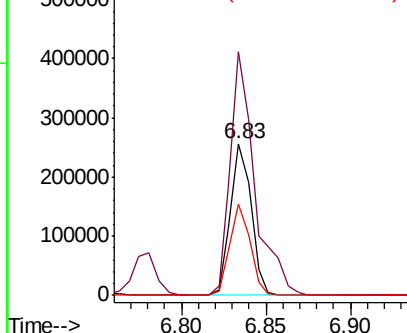
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	124.3	186.5
115	60.3	49.1	73.7



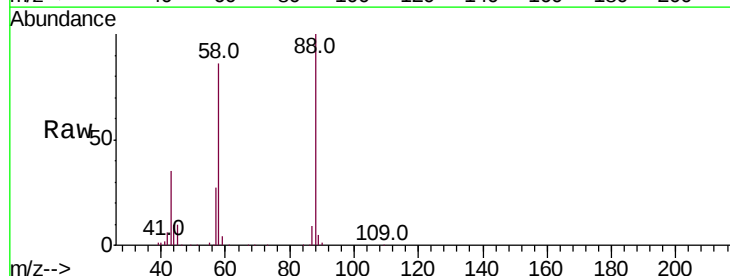
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



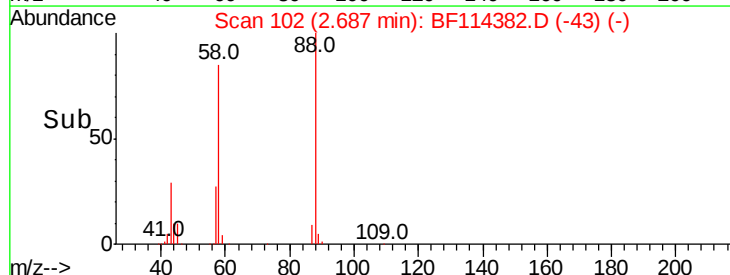
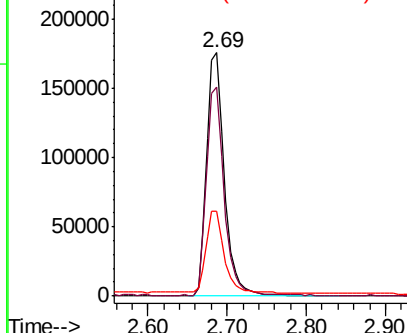
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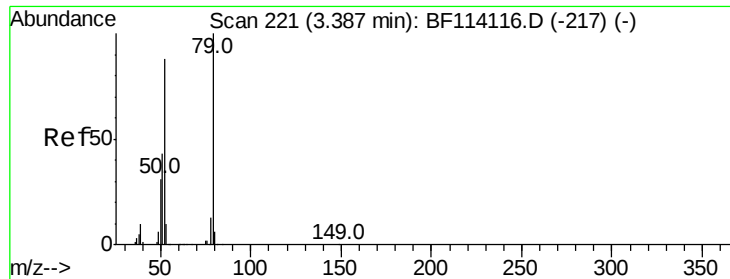
1,4-Dioxane
Concen: 36.813 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.05 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	68.7	103.1
43	34.2	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.274 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

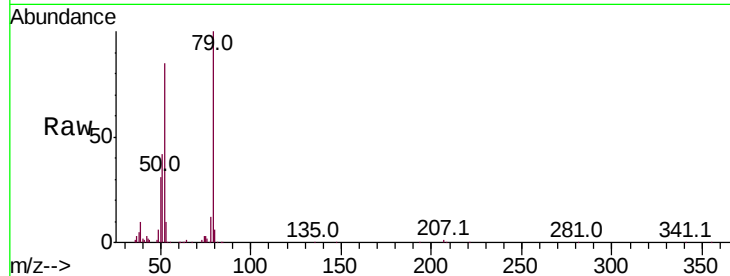
Tot Ion: 79 Resp: 645227

Ion Ratio Lower Upper

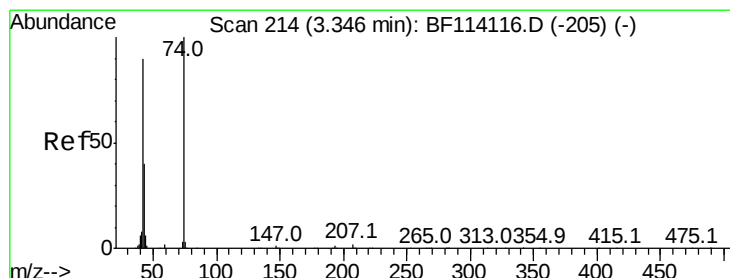
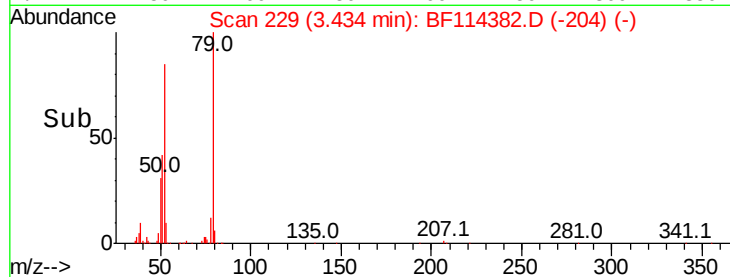
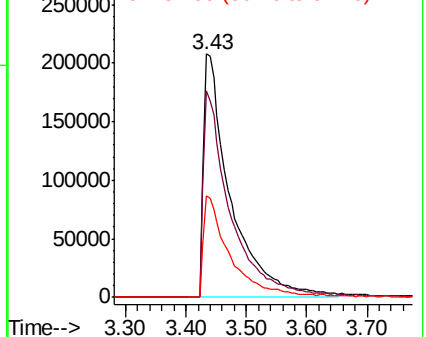
79 100

52 85.0 70.6 105.8

51 42.0 34.2 51.2



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.261 ng

RT: 3.39 min Scan# 221

Delta R.T. 0.04 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

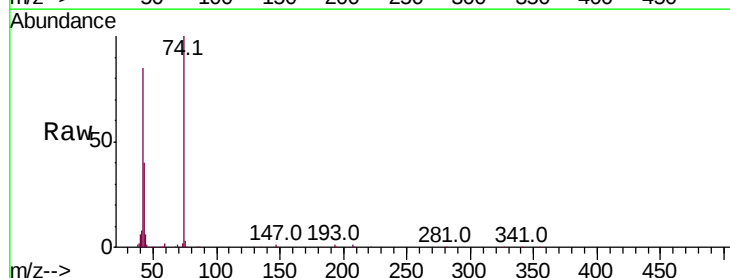
Tgt Ion: 42 Resp: 340866

Ion Ratio Lower Upper

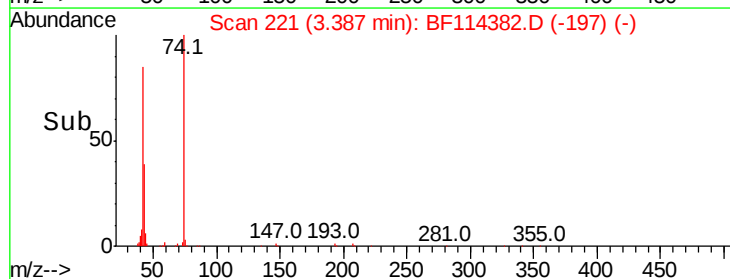
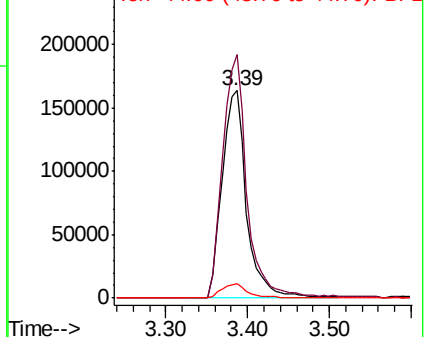
42 100

74 117.4 88.6 132.8

44 7.1 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 112.813 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

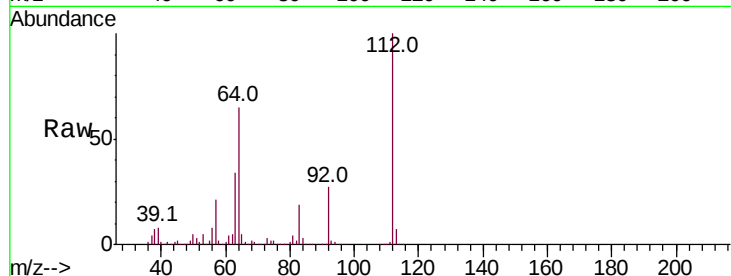
Tot Ion:112 Resp: 1536900

Ion Ratio Lower Upper

112 100

64 65.4 49.0 73.6

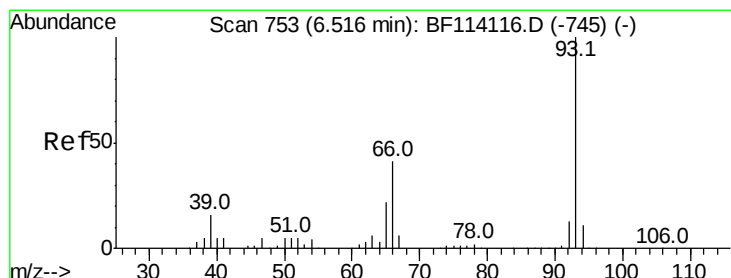
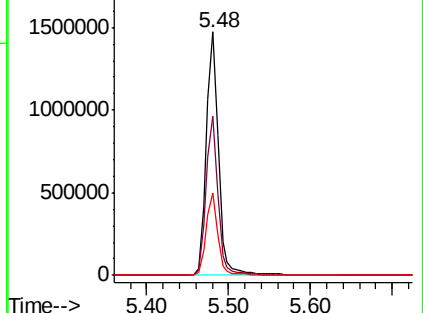
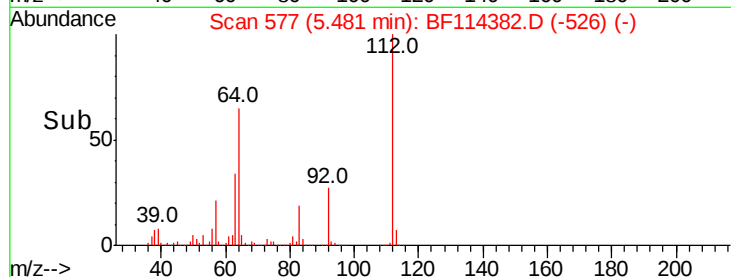
63 33.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.756 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

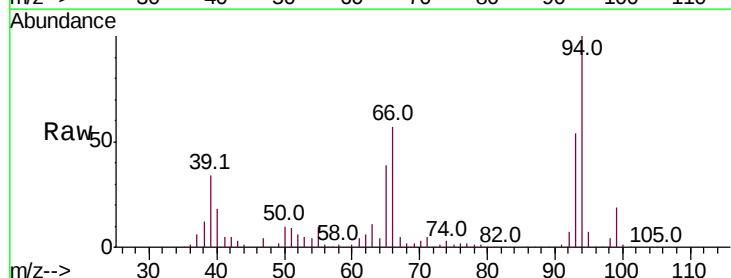
Tgt Ion: 93 Resp: 552934

Ion Ratio Lower Upper

93 100

66 105.1 33.2 49.8#

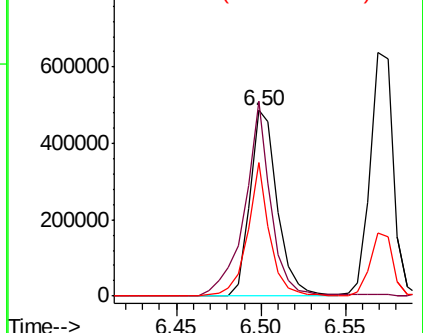
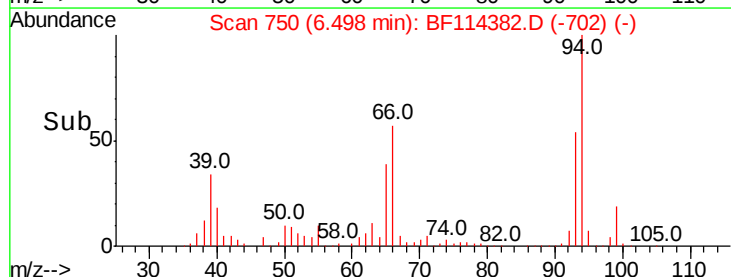
65 72.1 17.6 26.4#

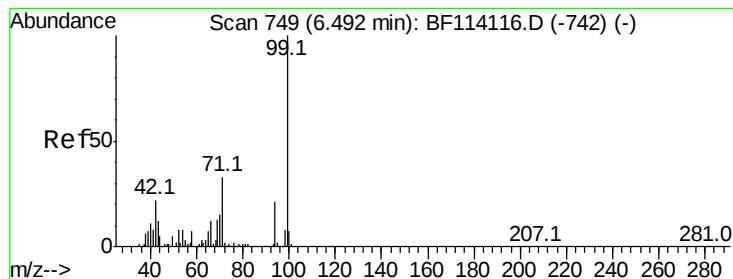


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 121.369 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

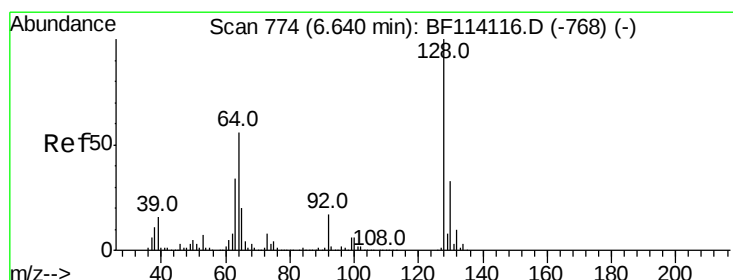
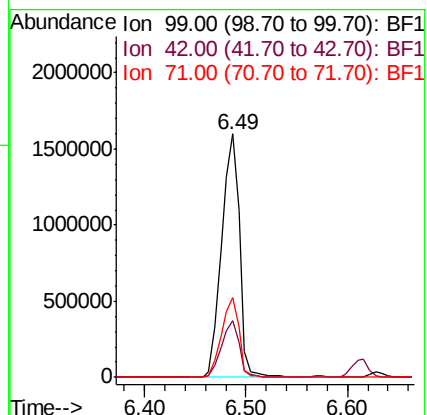
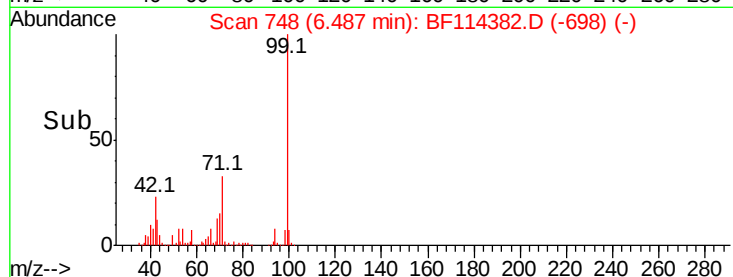
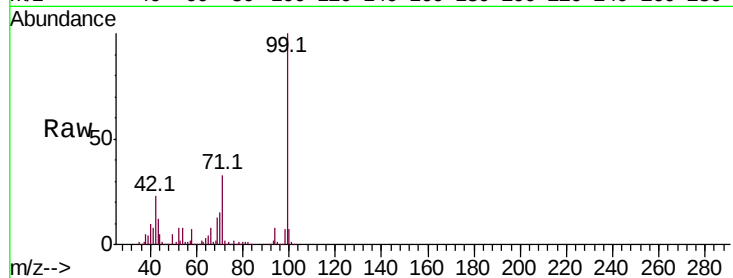
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1955599

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	32.9	26.2	39.2



#8

2-Chlorophenol

Concen: 42.351 ng

RT: 6.63 min Scan# 772

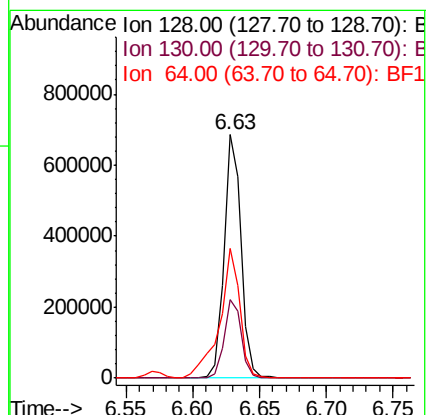
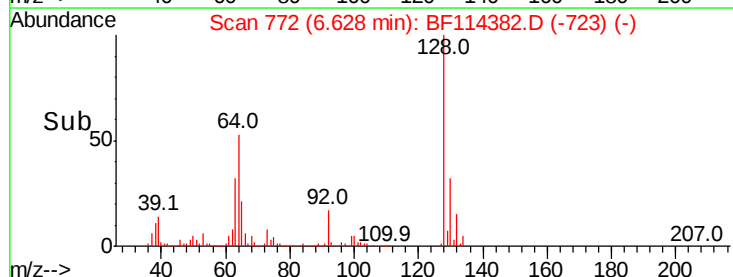
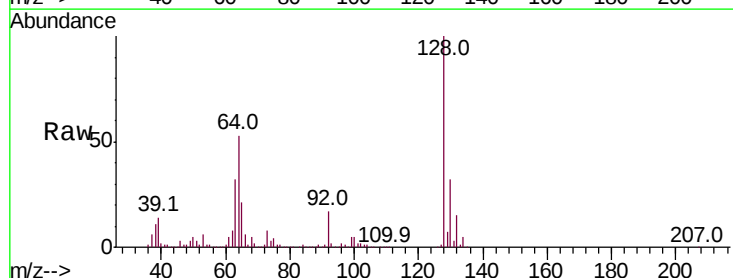
Delta R.T. -0.01 min

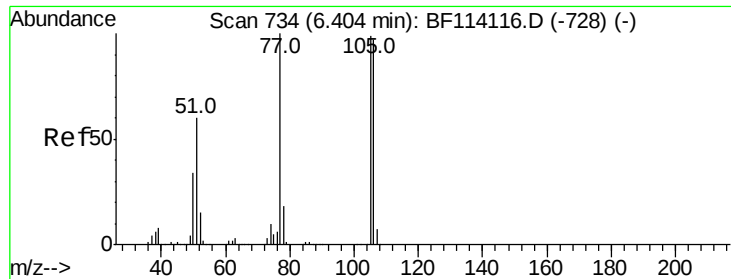
Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion: 128 Resp: 615943

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.6	52.6
64	53.3	35.9	75.9





#9

Benzaldehyde

Concen: 3.231 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

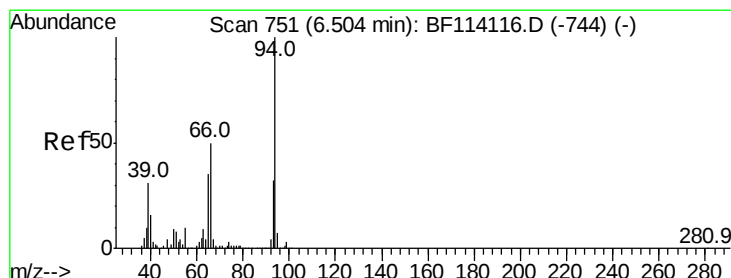
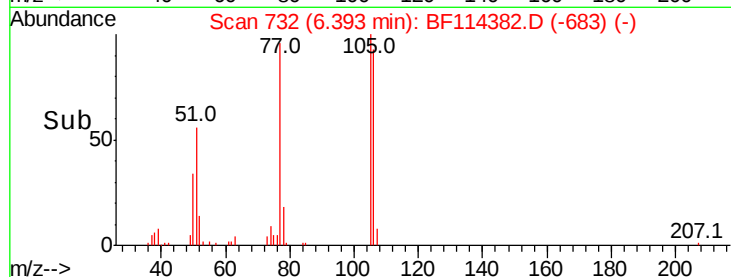
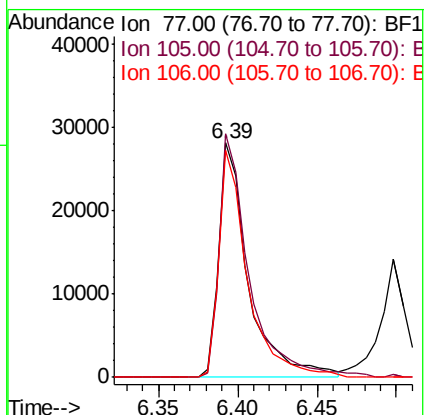
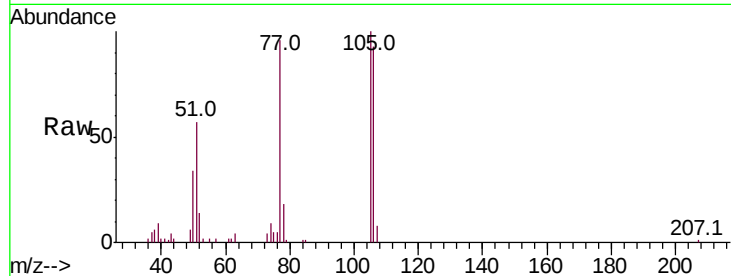
Tot Ion: 77 Resp: 36441

Ion Ratio Lower Upper

77 100

105 104.0 79.3 119.3

106 96.9 77.0 117.0



#10

Phenol

Concen: 38.155 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

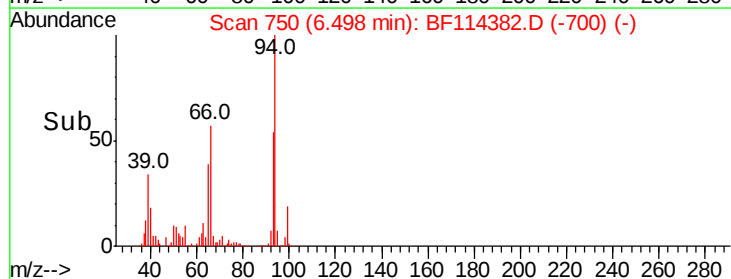
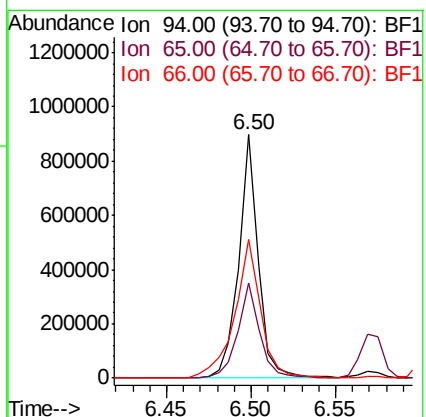
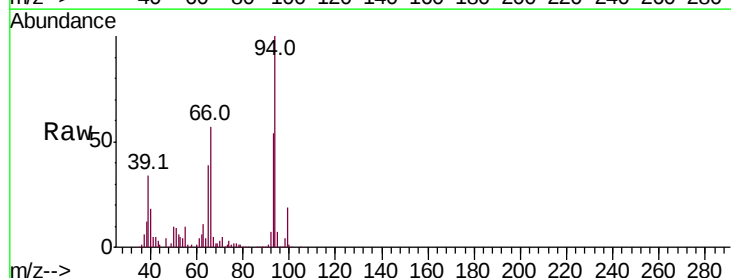
Tgt Ion: 94 Resp: 723212

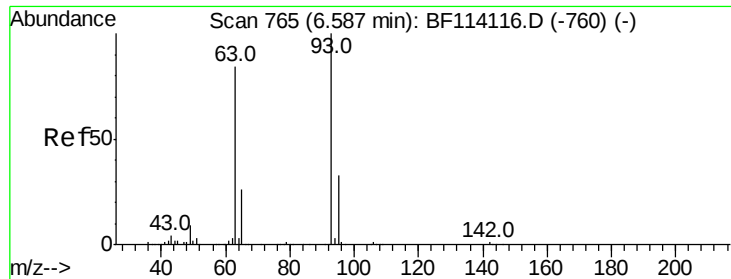
Ion Ratio Lower Upper

94 100

65 39.0 14.7 54.7

66 56.8 29.6 69.6





#11

bis(2-Chloroethyl)ether

Concen: 42.039 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

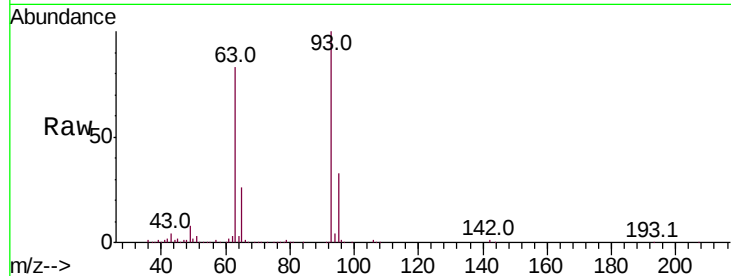
Tot Ion: 93 Resp: 604942

Ion Ratio Lower Upper

93 100

63 83.3 63.6 103.6

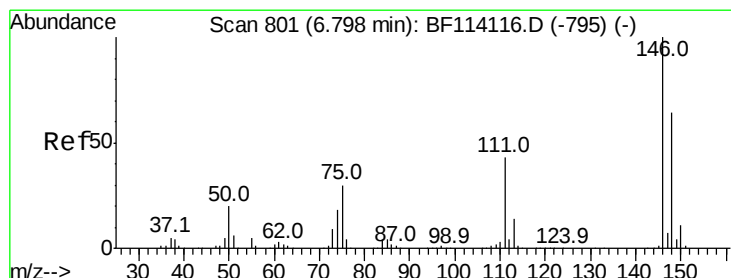
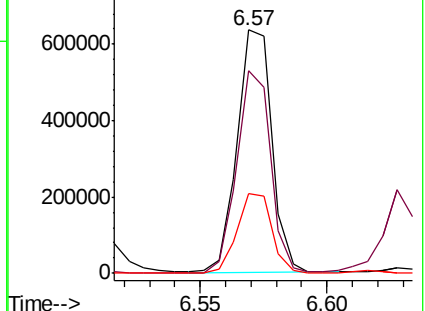
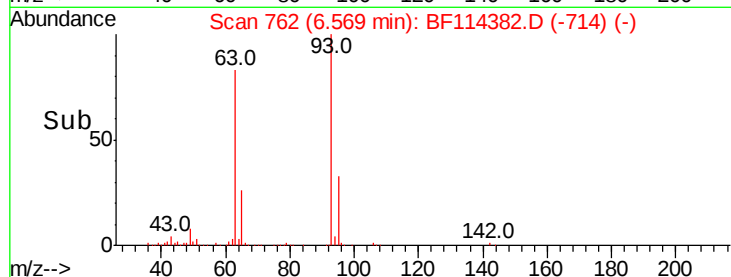
95 32.9 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.203 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

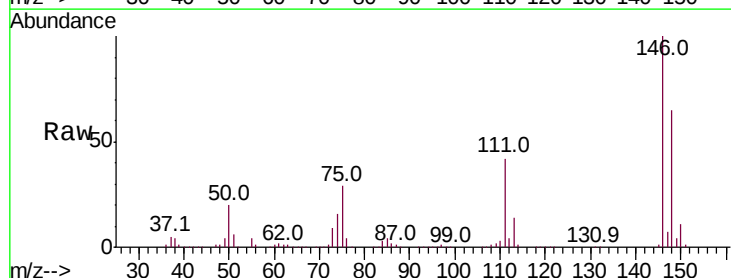
Tgt Ion: 146 Resp: 640005

Ion Ratio Lower Upper

146 100

148 64.7 51.6 77.4

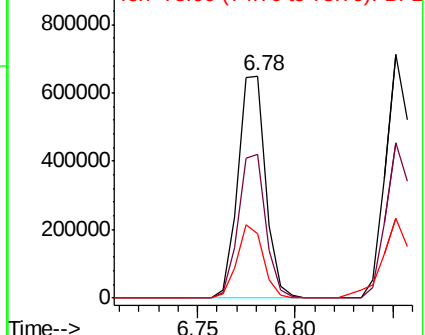
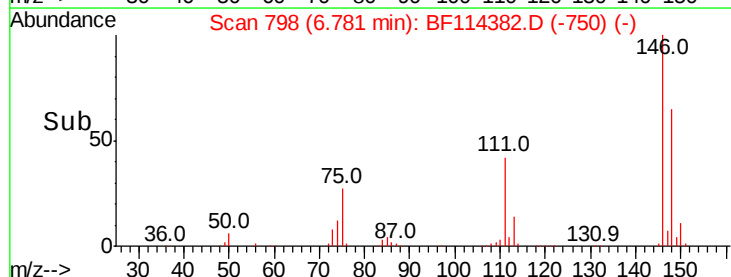
75 29.0 24.2 36.2

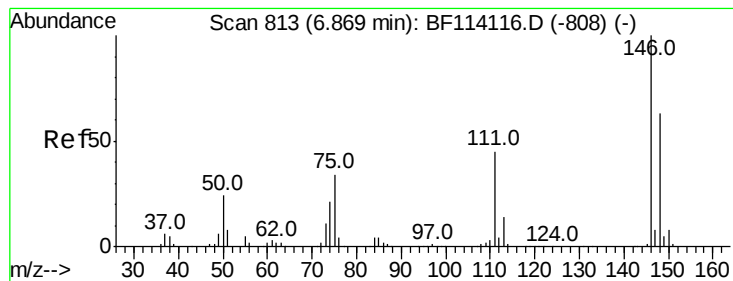


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.250 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

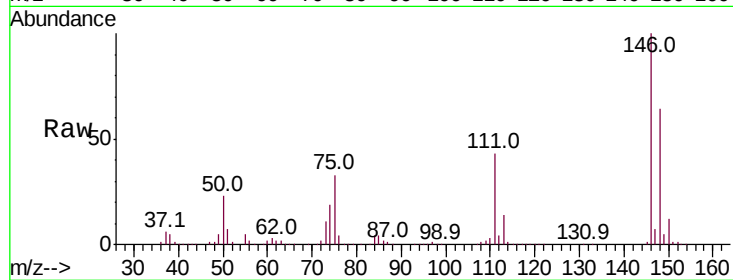
Tot Ion:146 Resp: 645702

Ion Ratio Lower Upper

146 100

148 63.6 50.2 75.2

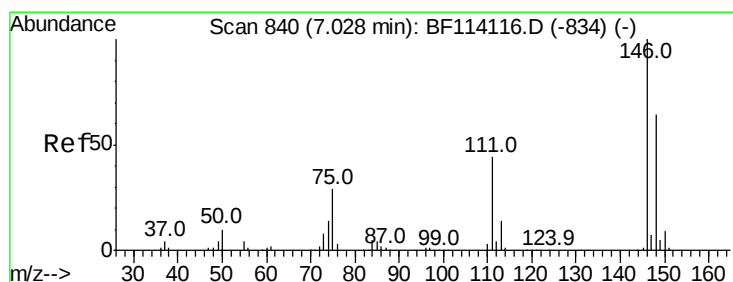
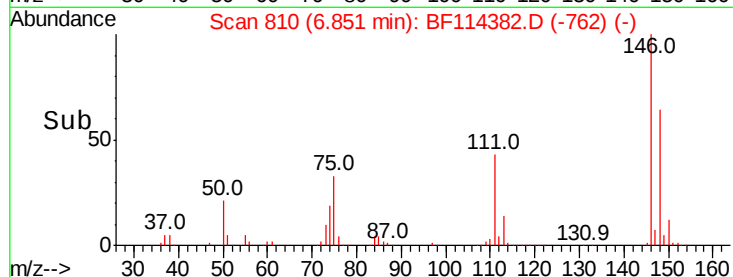
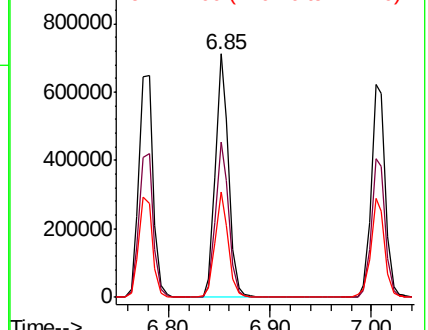
111 43.2 35.8 53.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.898 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

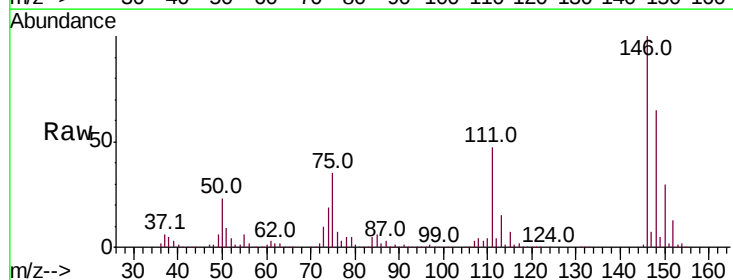
Tgt Ion:146 Resp: 599655

Ion Ratio Lower Upper

146 100

148 65.2 51.1 76.7

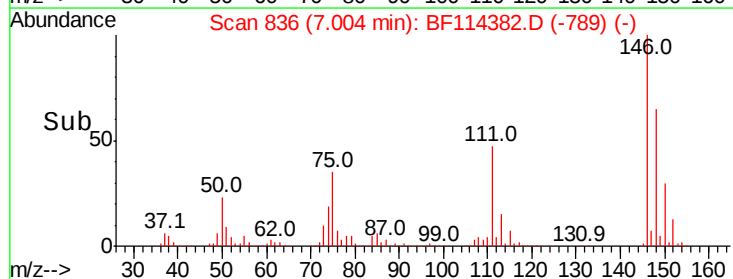
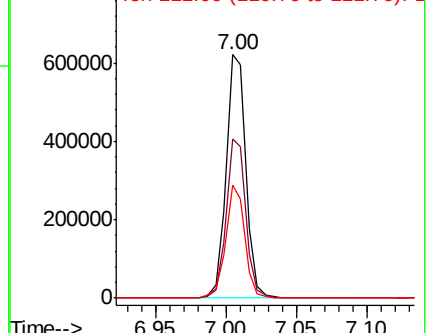
111 46.5 35.3 52.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.819 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

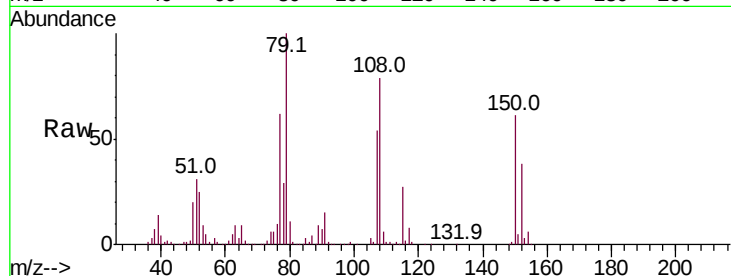
Tot Ion: 79 Resp: 500407

Ion Ratio Lower Upper

79 100

108 79.0 62.1 93.1

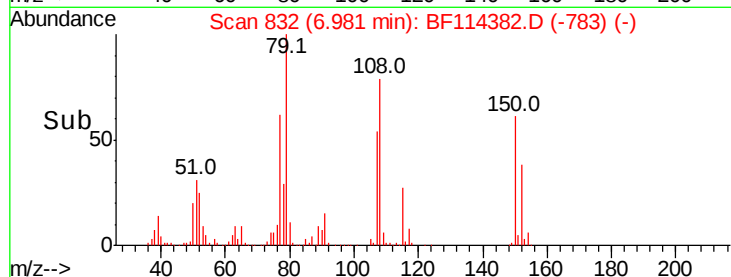
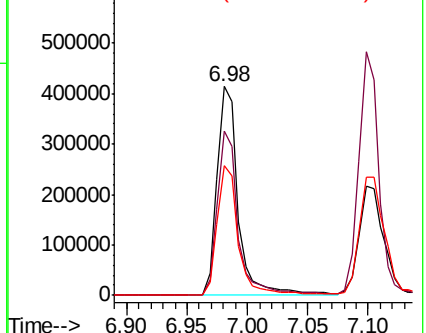
77 62.0 51.0 76.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.529 ng

RT: 7.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

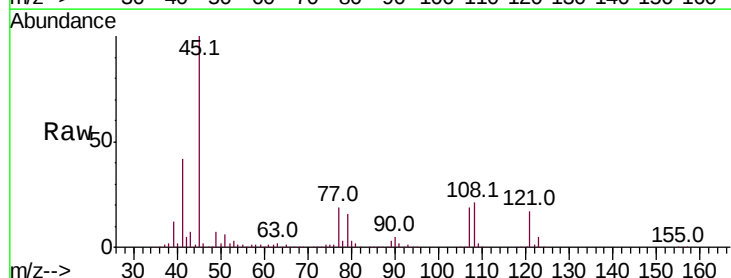
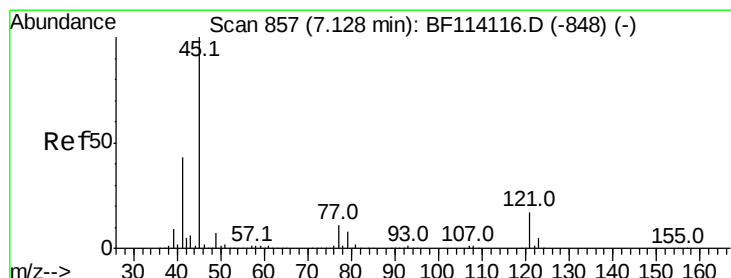
Tgt Ion: 45 Resp: 1102930

Ion Ratio Lower Upper

45 100

77 18.8 0.0 31.1

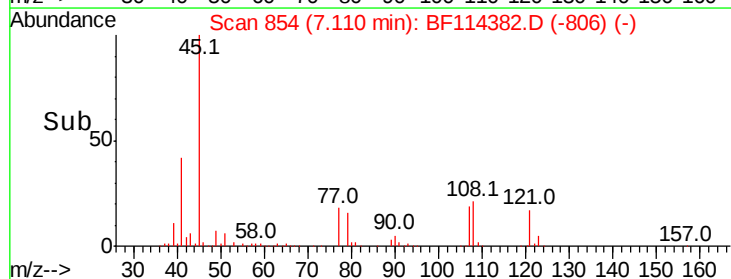
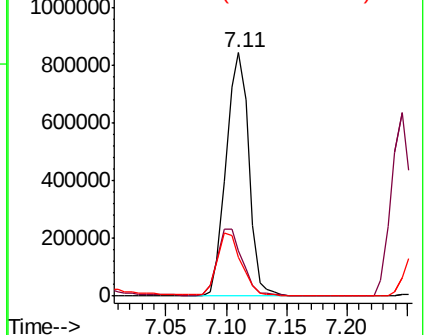
79 16.2 0.0 28.4

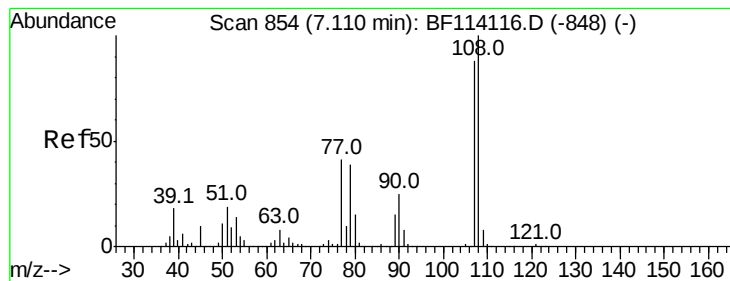


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

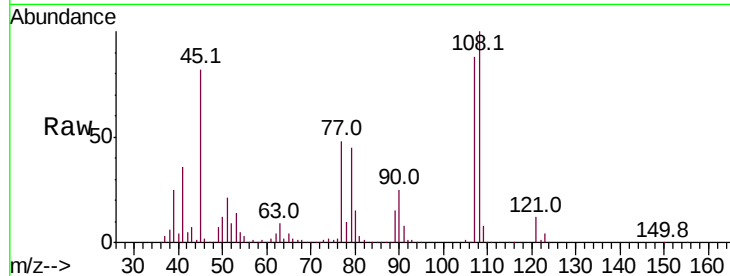




#17
2-Methylphenol
Concen: 40.306 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.5	135.7
77	54.8	37.0	55.4
79	50.9	35.8	53.8



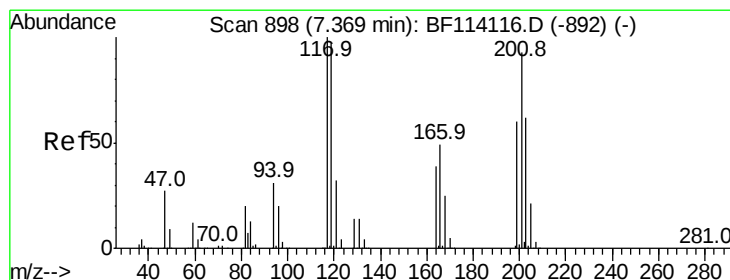
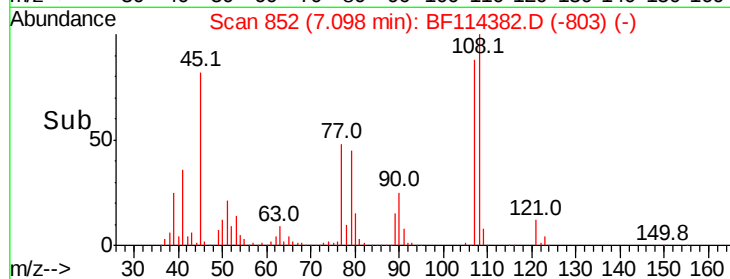
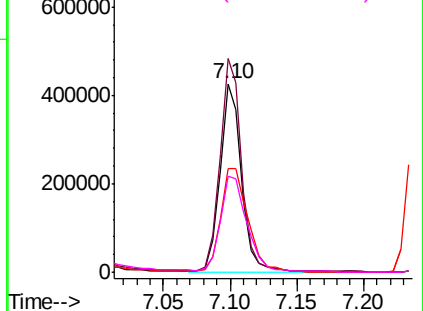
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

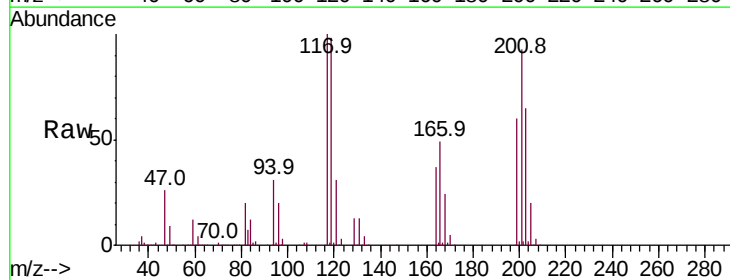
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.585 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.4	116.2
201	93.0	74.5	111.7

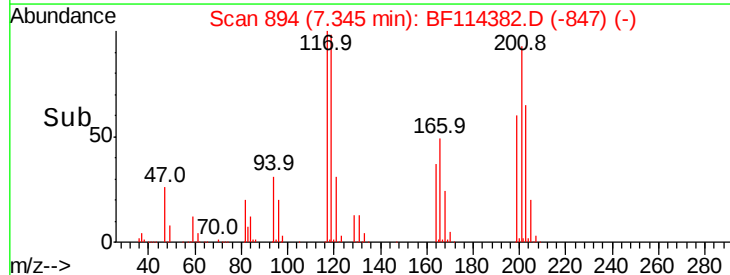
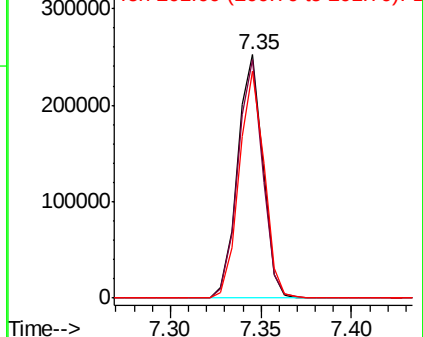


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

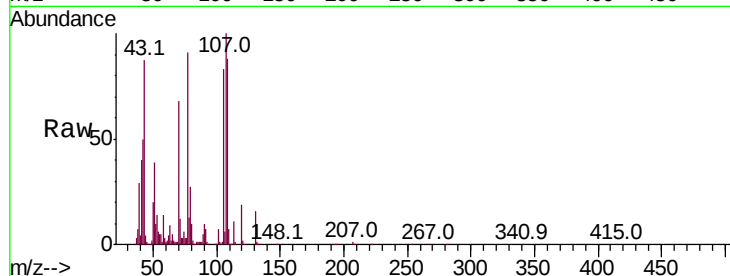




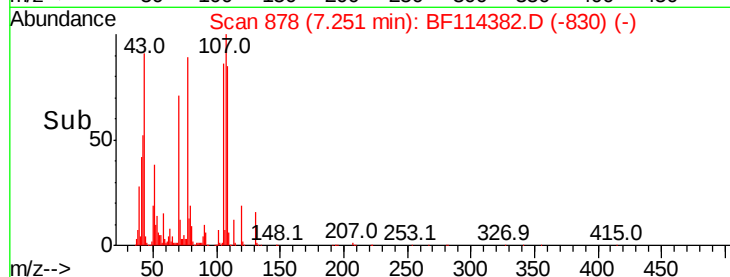
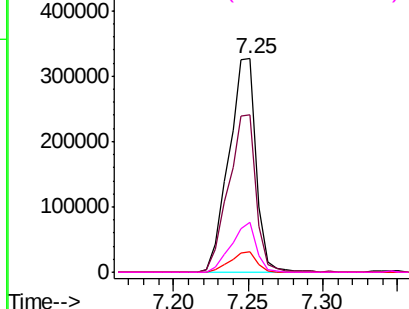
#19
n-Nitroso-di-n-propylamine
Concen: 40.990 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 418640
Ion Ratio Lower Upper
70 100
42 73.6 58.6 87.8
101 9.9 7.8 11.8
130 23.2 17.1 25.7



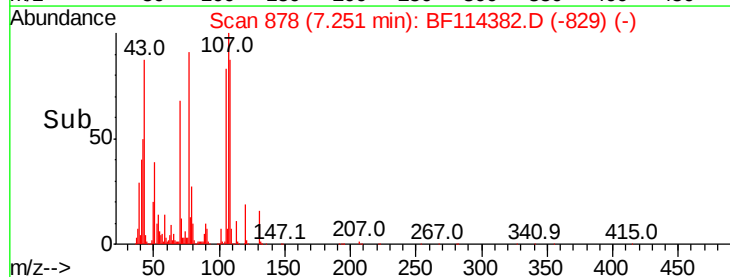
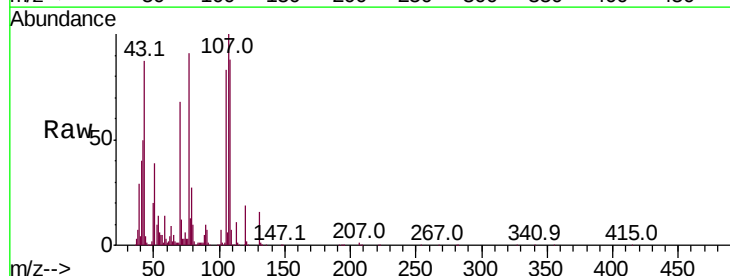
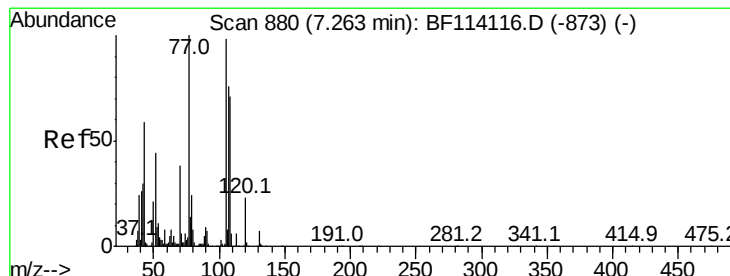
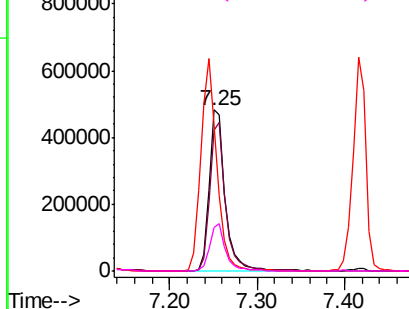
Abundance Ion 70.00 (69.70 to 70.70): BF1
500000 Ion 42.00 (41.70 to 42.70): BF1
400000 Ion 101.00 (100.70 to 101.70): E
300000 Ion 130.00 (129.70 to 130.70): E
200000
100000
0

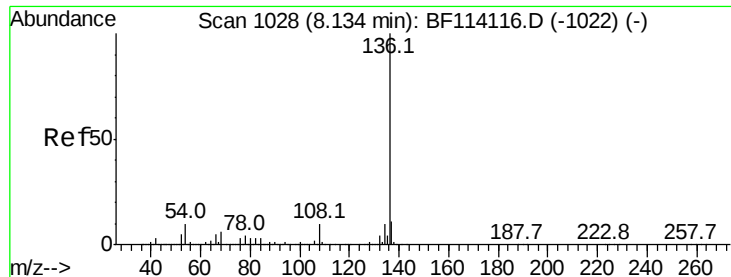


#20
3+4-Methylphenols
Concen: 43.976 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:107 Resp: 607013
Ion Ratio Lower Upper
107 100
108 87.5 73.8 113.8
77 90.6 111.5 151.5#
79 27.0 12.0 52.0

Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 848571

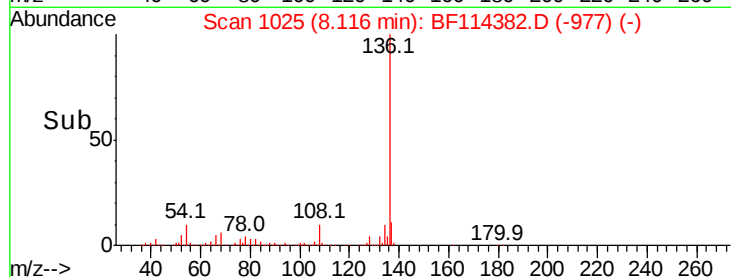
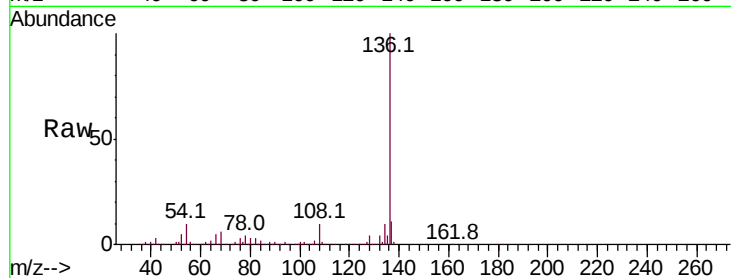
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 9.9 7.8 11.8

68 6.2 5.1 7.7

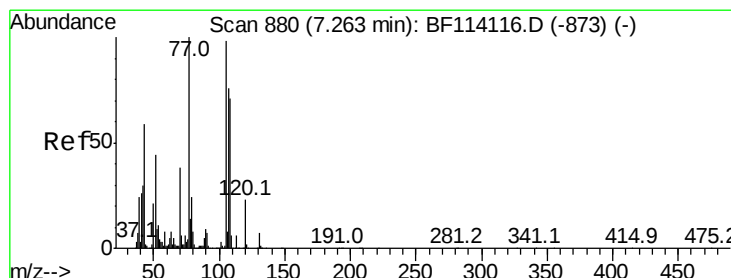
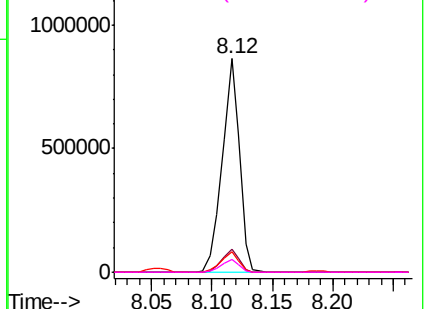


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 42.851 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:105 Resp: 805538

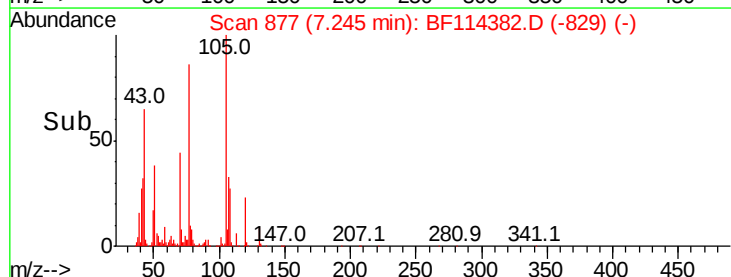
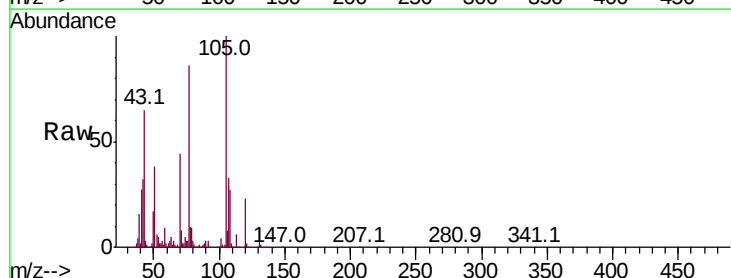
Ion Ratio Lower Upper

105 100

71 7.5 5.3 7.9

51 38.4 36.2 54.4

120 22.9 18.6 28.0

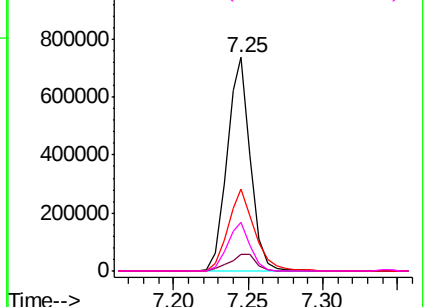


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

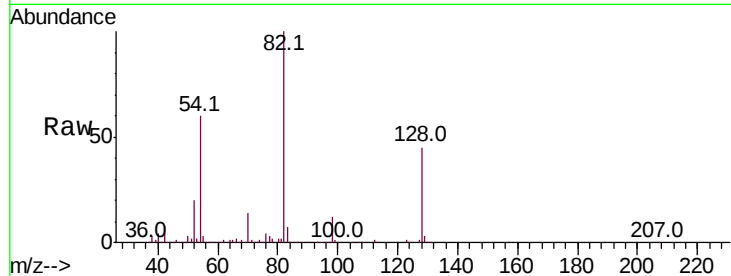




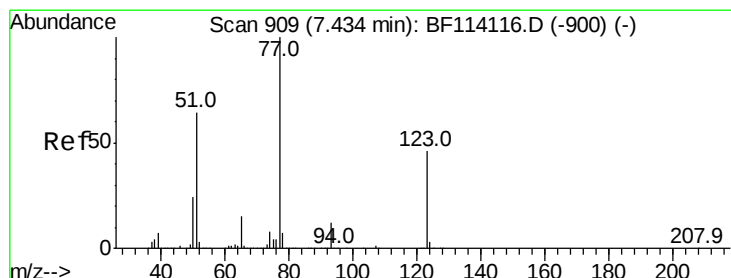
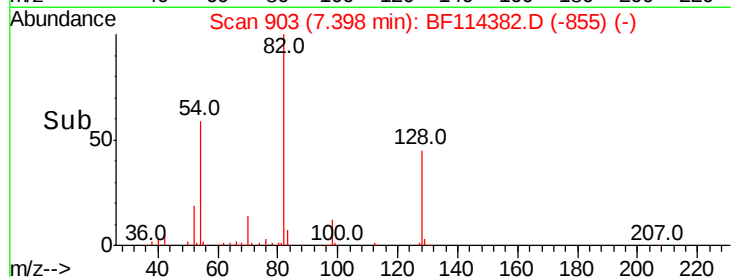
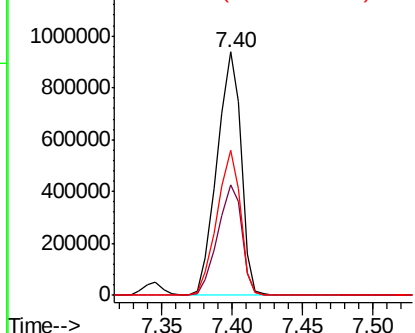
#23
 Nitrobenzene-d5
 Concen: 73.488 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 1111181
 Ion Ratio Lower Upper
 82 100
 128 45.2 35.5 53.3
 54 59.8 48.5 72.7

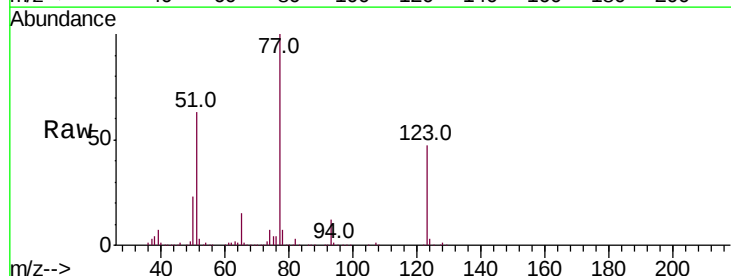


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

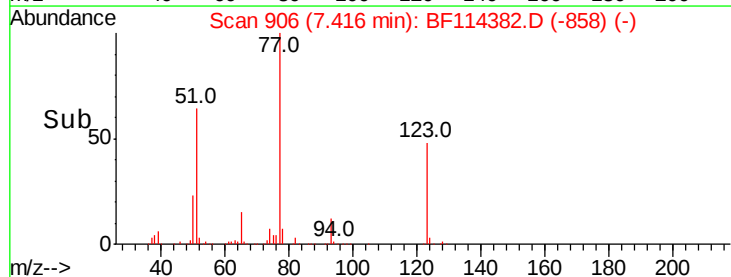
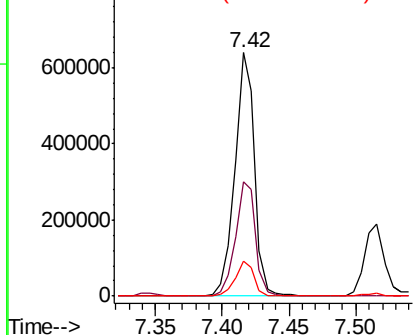


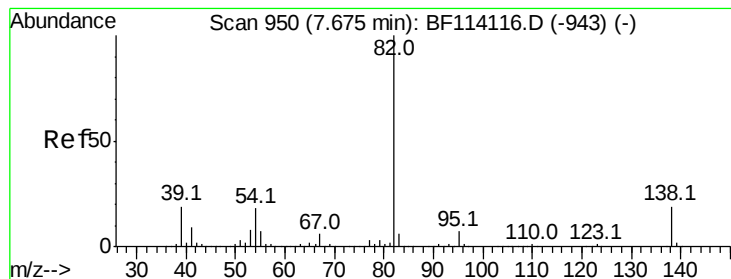
#24
 Nitrobenzene
 Concen: 42.401 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion: 77 Resp: 653001
 Ion Ratio Lower Upper
 77 100
 123 47.0 36.9 55.3
 65 14.6 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.648 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

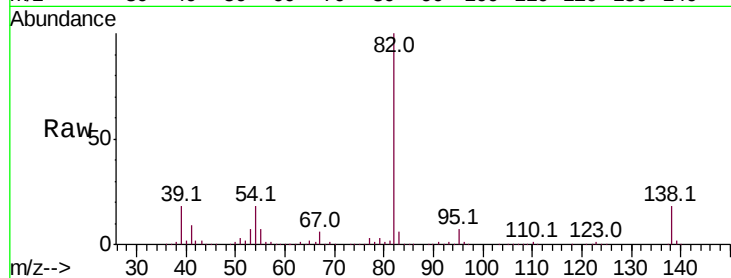
Tot Ion: 82 Resp: 1195961

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

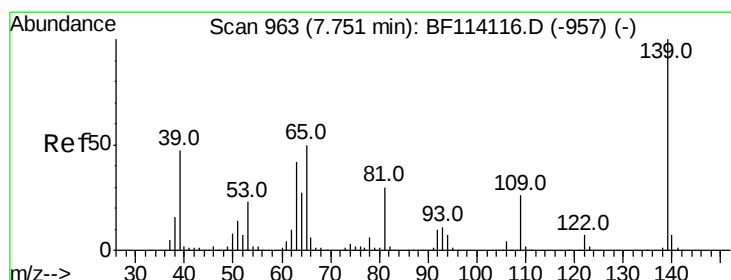
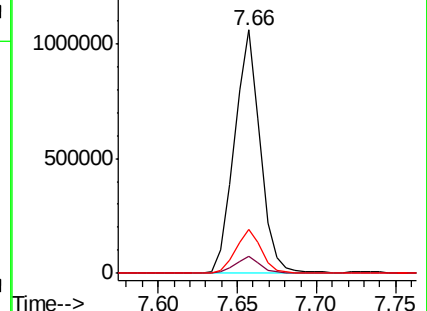
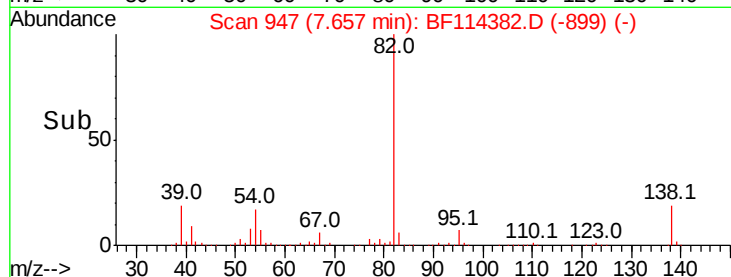
138 18.3 14.8 22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 45.420 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

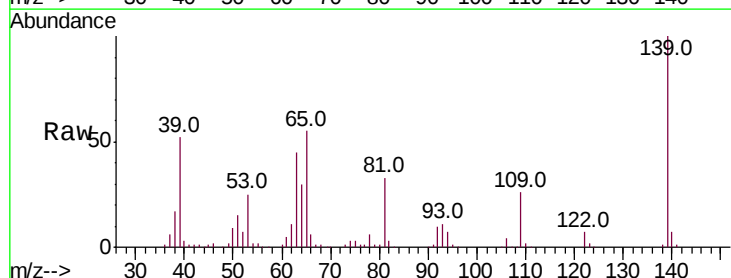
Tgt Ion: 139 Resp: 339364

Ion Ratio Lower Upper

139 100

109 26.0 20.7 31.1

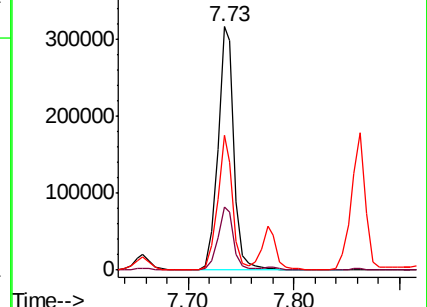
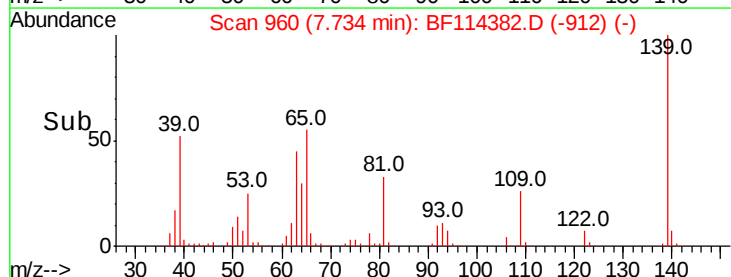
65 55.1 40.2 60.2

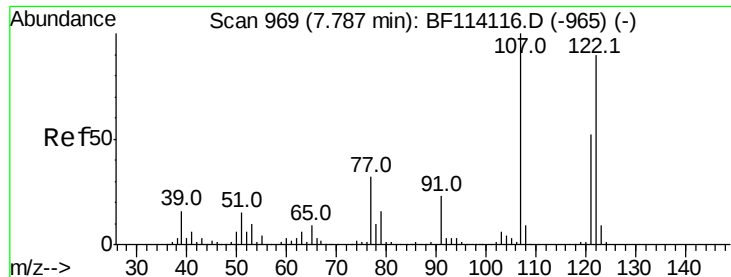


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.113 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

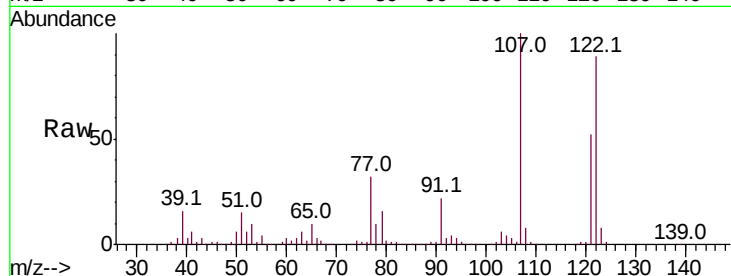
Tot Ion:122 Resp: 541134

Ion Ratio Lower Upper

122 100

107 112.0 88.4 132.6

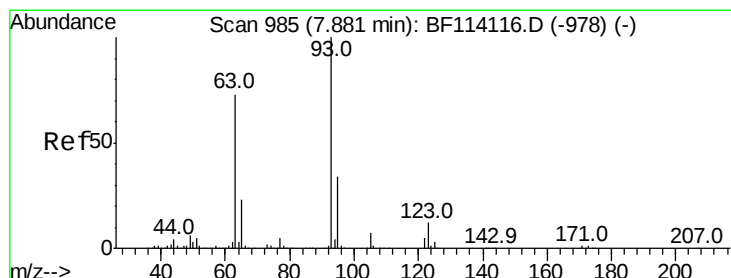
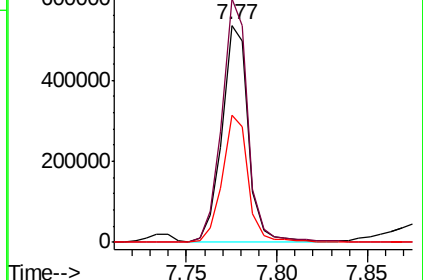
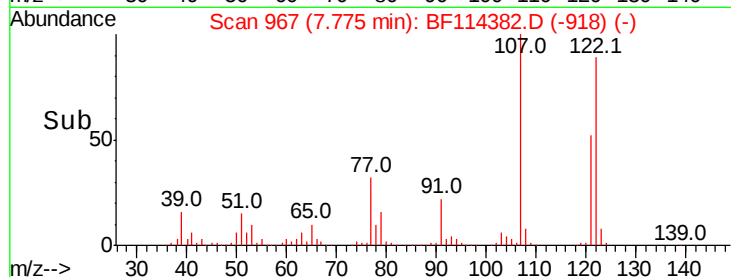
121 58.7 45.9 68.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.530 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

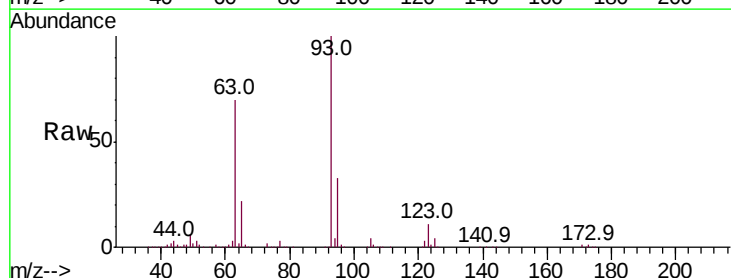
Tgt Ion: 93 Resp: 755656

Ion Ratio Lower Upper

93 100

95 33.3 26.8 40.2

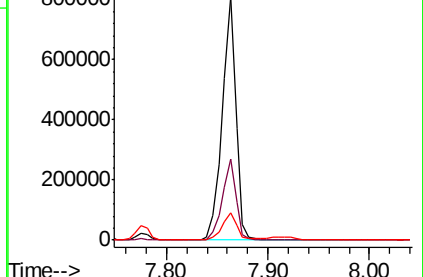
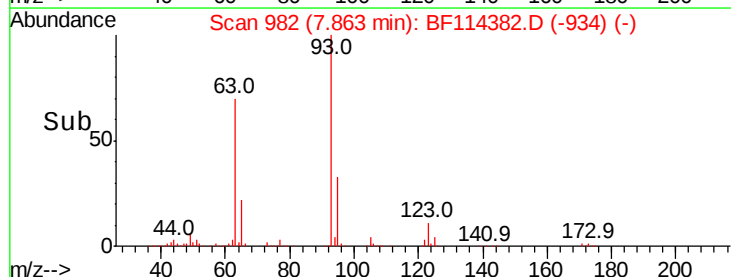
123 11.2 9.5 14.3

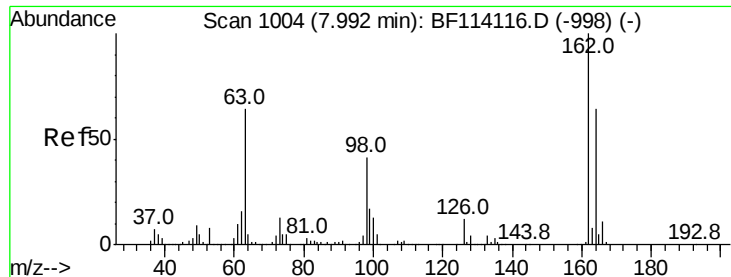


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.248 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

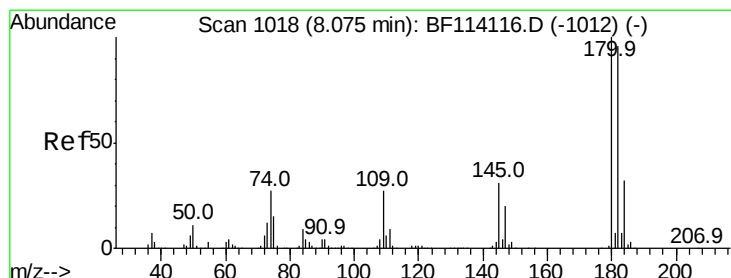
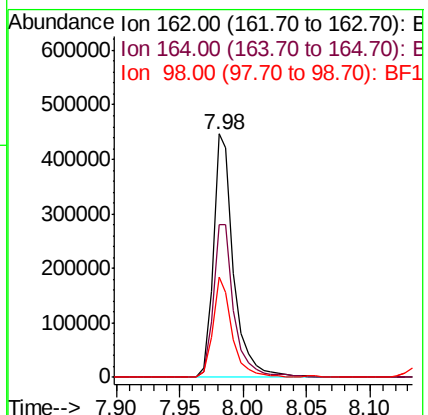
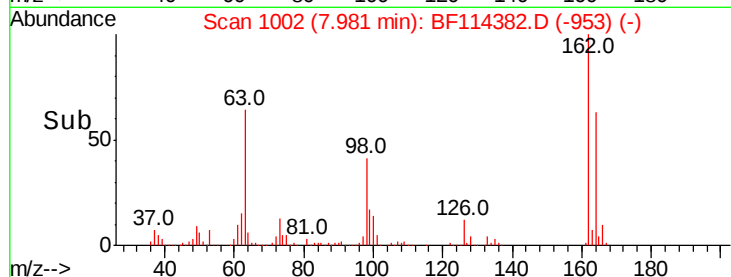
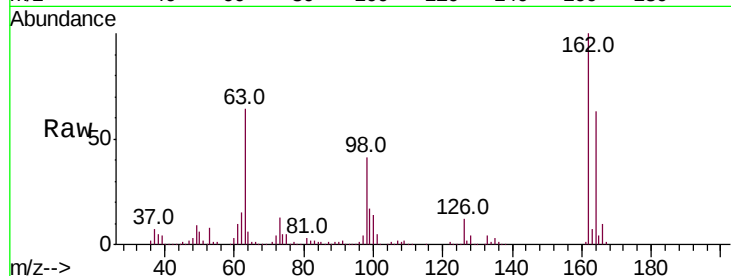
Tot Ion:162 Resp: 505368

Ion Ratio Lower Upper

162 100

164 62.6 43.6 83.6

98 41.0 20.6 60.6



#30

1,2,4-Trichlorobenzene

Concen: 40.939 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

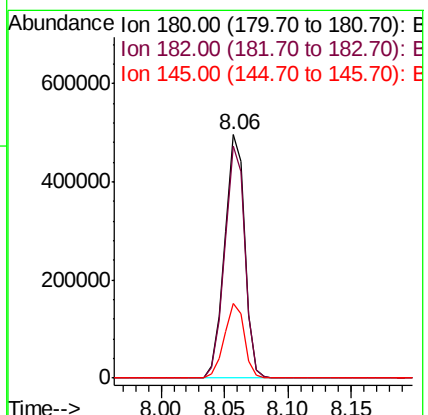
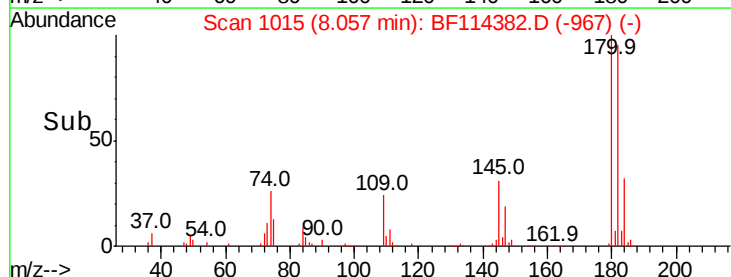
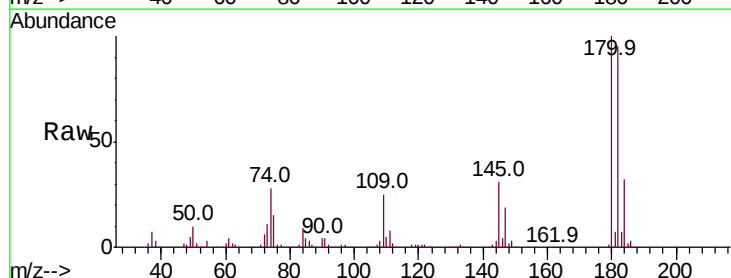
Tgt Ion:180 Resp: 543984

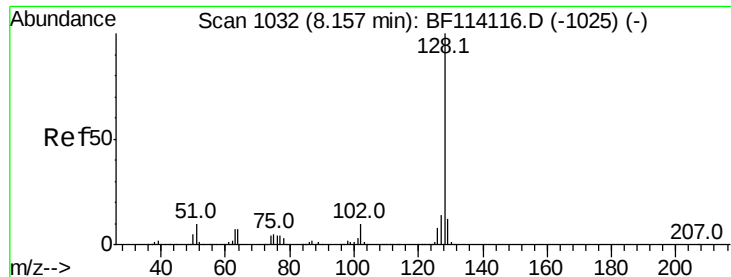
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.8 25.1 37.7

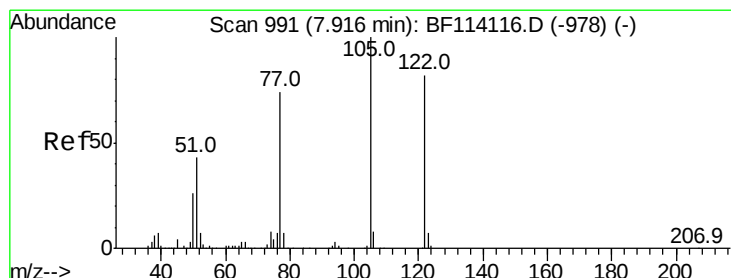
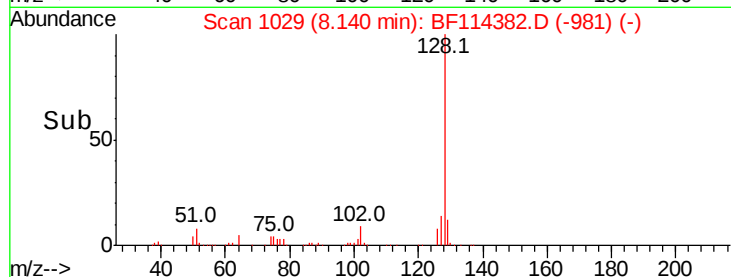
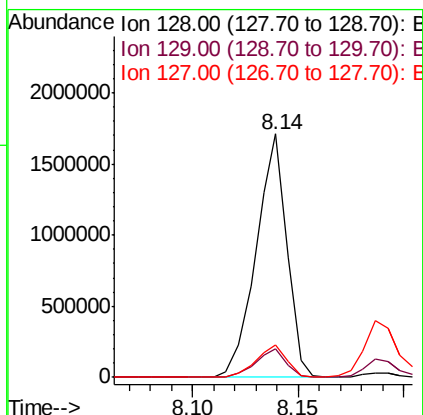
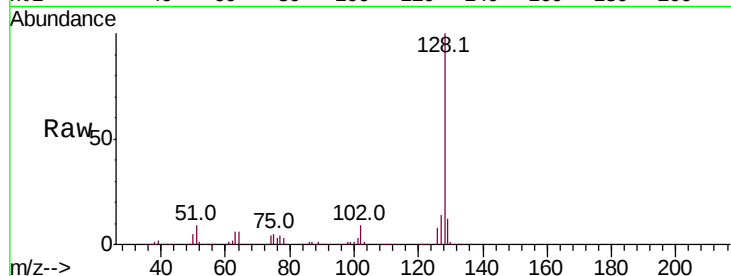




#31
Naphthalene
Concen: 43.633 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

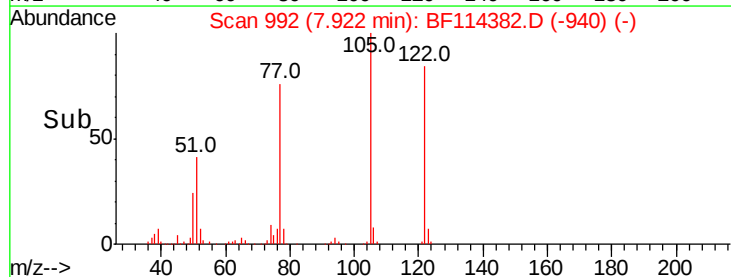
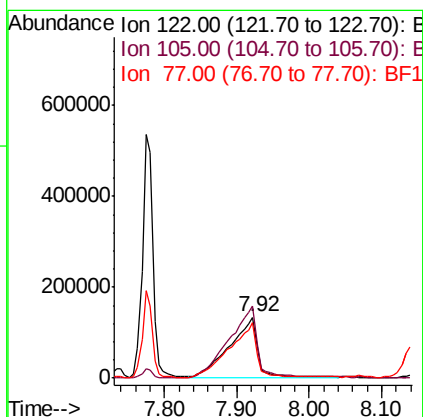
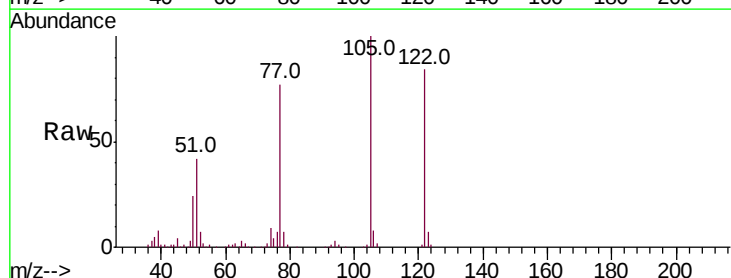
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1729542
Ion Ratio Lower Upper
128 100
129 11.7 9.6 14.4
127 13.5 11.3 16.9



#32
Benzoic acid
Concen: 43.368 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:122 Resp: 356243
Ion Ratio Lower Upper
122 100
105 118.5 99.9 139.9
77 91.0 69.4 109.4

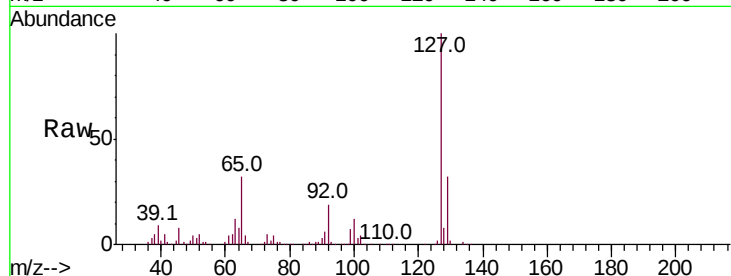




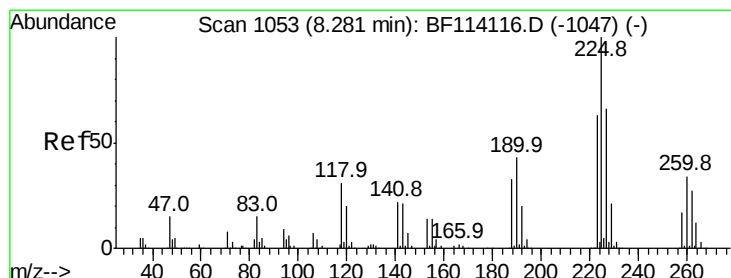
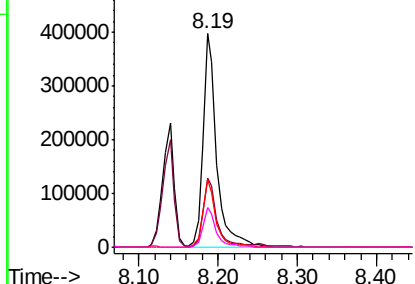
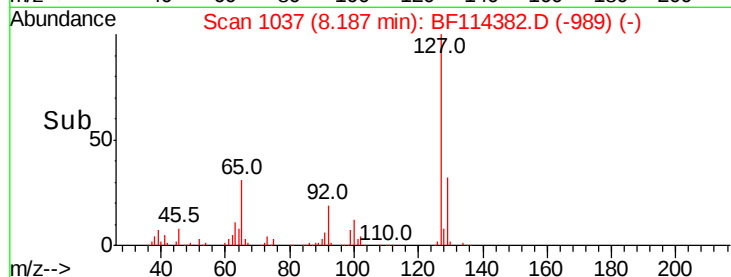
#33
 4-Chloroaniline
 Concen: 26.667 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	481688
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.7	40.1
65	32.0	25.4	38.0
92	18.6	15.4	23.2

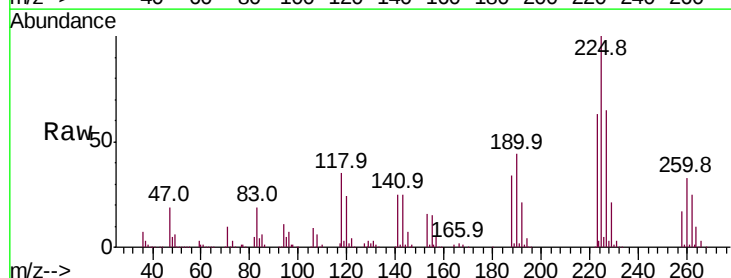


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

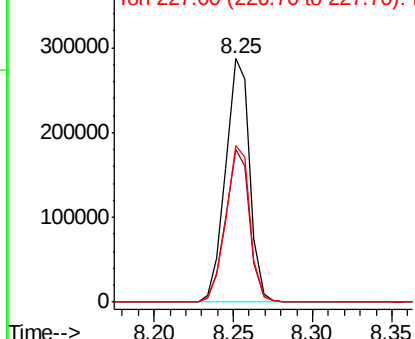
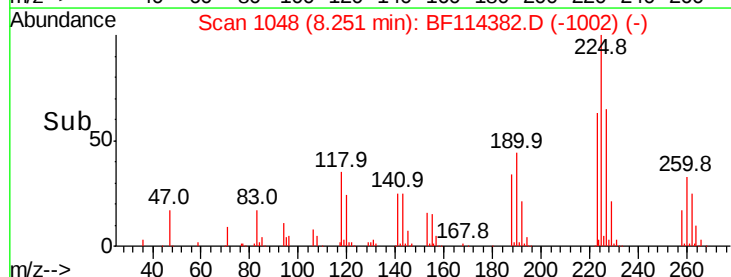


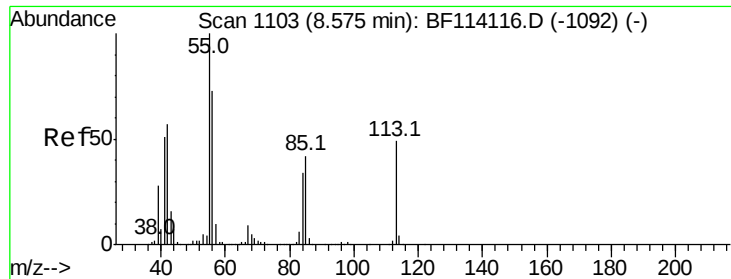
#34
 Hexachlorobutadiene
 Concen: 40.031 ng
 RT: 8.25 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion:	225	Resp:	302658
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	64.5	52.6	79.0



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

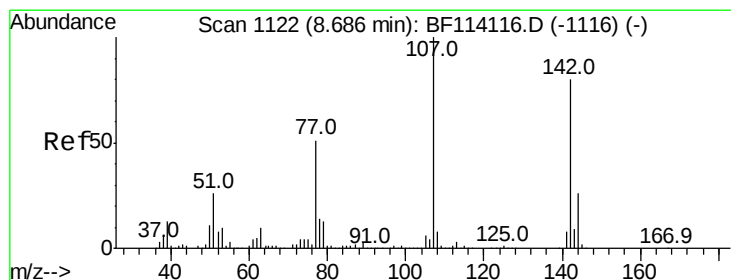
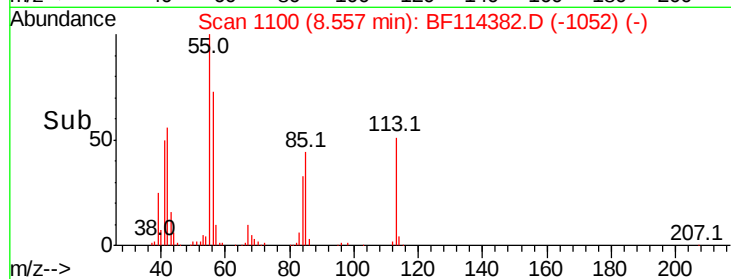
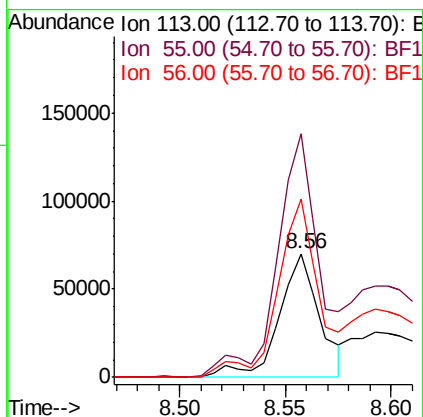
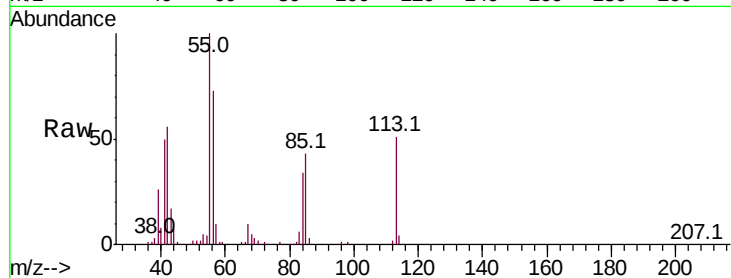




#35
 Caprolactam
 Concen: 24.519 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

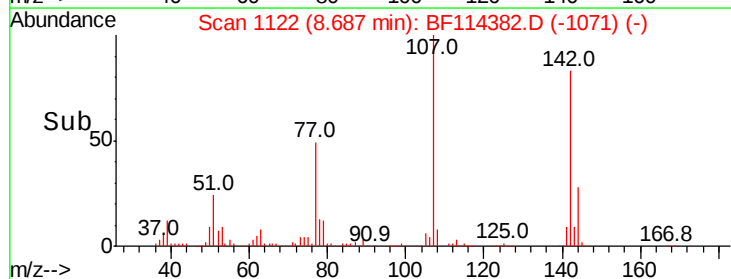
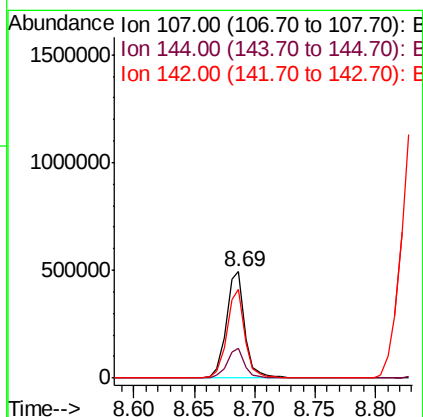
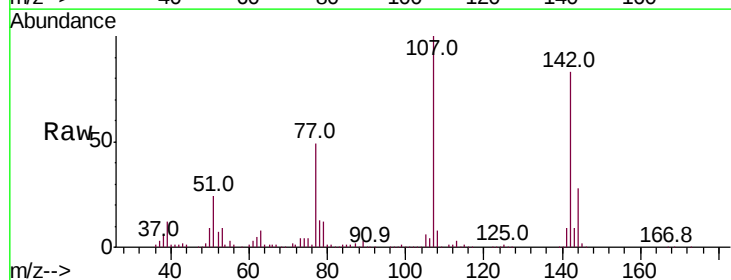
Instrument :
 BNA_F
 ClientSampleId :

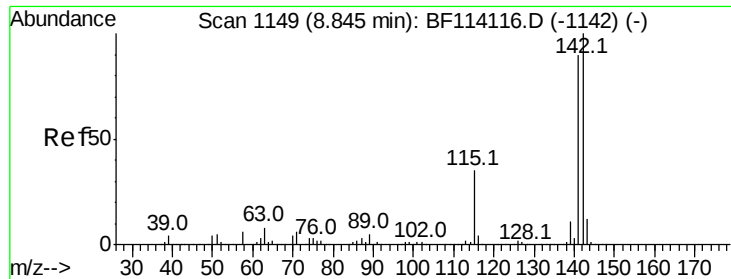
Tot Ion:113 Resp: 93424
 Ion Ratio Lower Upper
 113 100
 55 197.3 183.5 223.5
 56 144.2 128.8 168.8



#36
 4-Chloro-3-methylphenol
 Concen: 44.638 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion:107 Resp: 525044
 Ion Ratio Lower Upper
 107 100
 144 27.9 20.4 30.6
 142 83.0 64.2 96.4

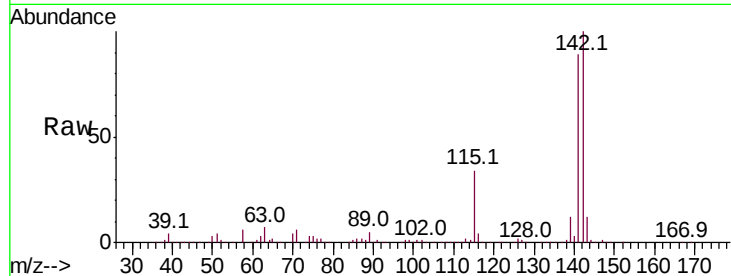




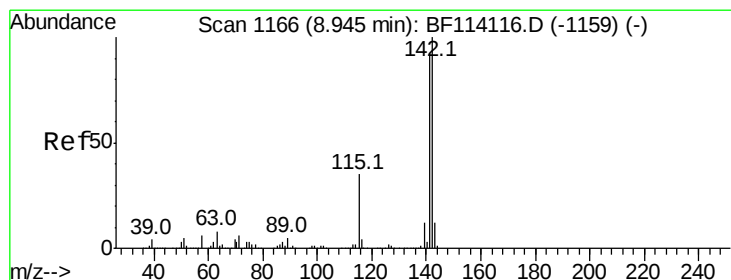
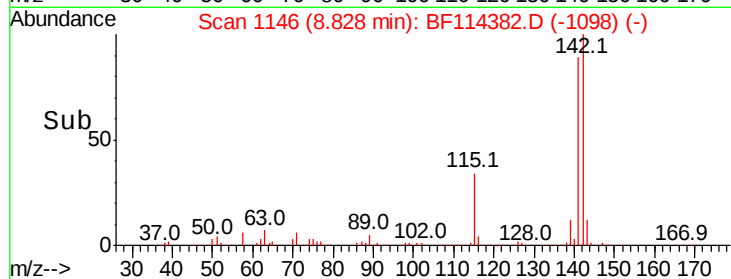
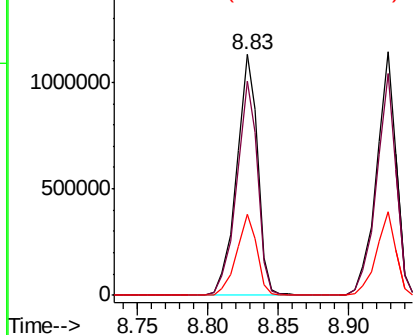
#37
2-Methylnaphthalene
Concen: 45.585 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1165802
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 33.7 28.0 42.0

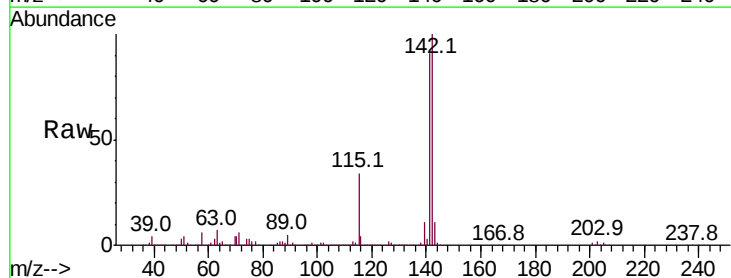


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

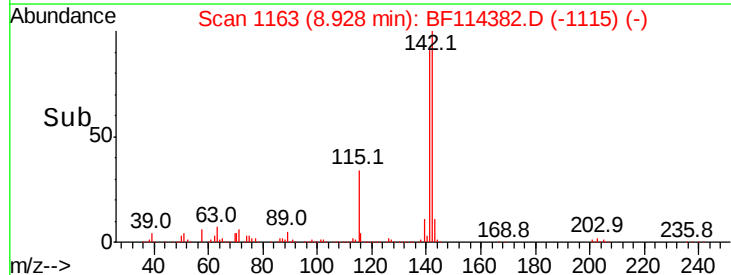
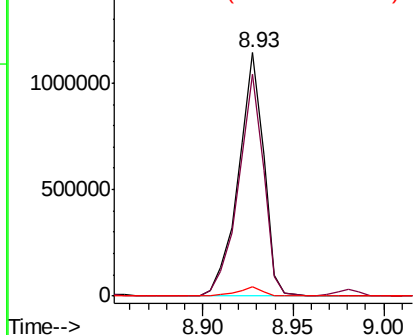


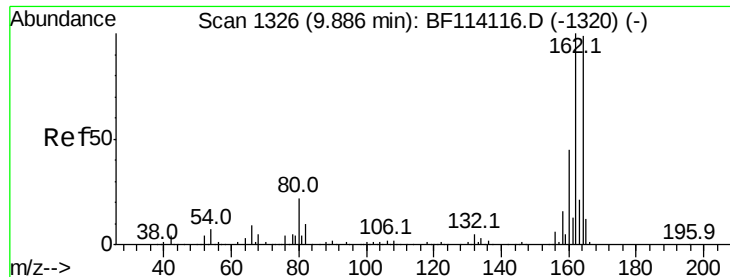
#38
1-Methylnaphthalene
Concen: 45.820 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:142 Resp: 1103515
Ion Ratio Lower Upper
142 100
141 90.9 73.4 110.0
116 3.7 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

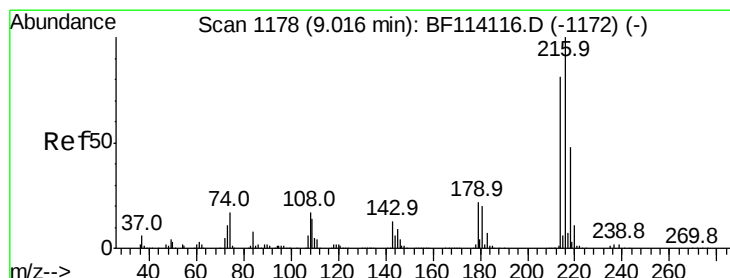
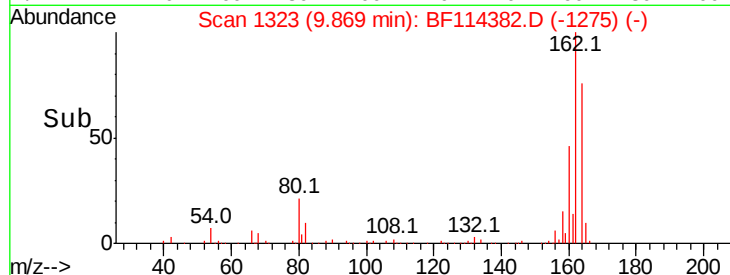
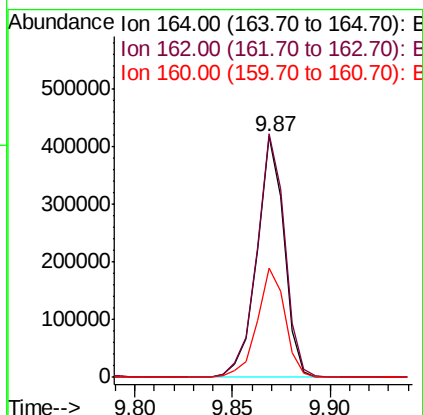
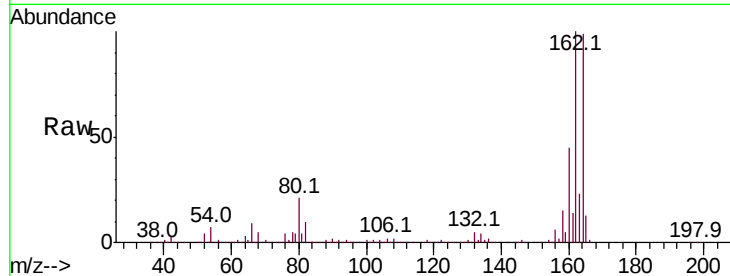




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

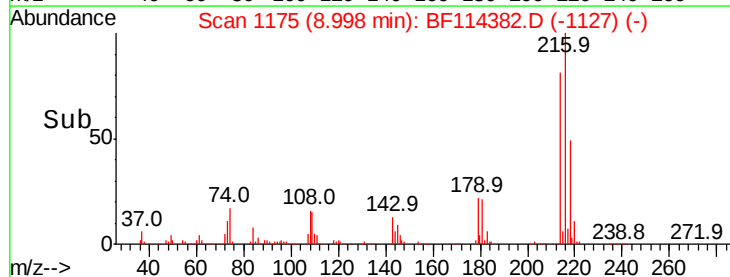
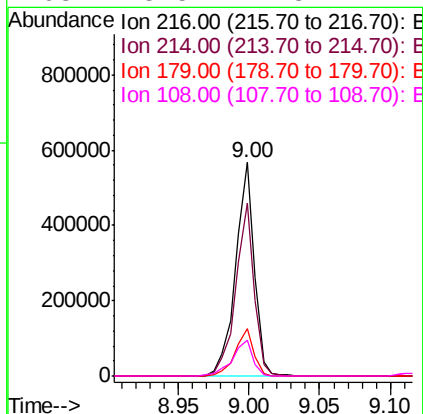
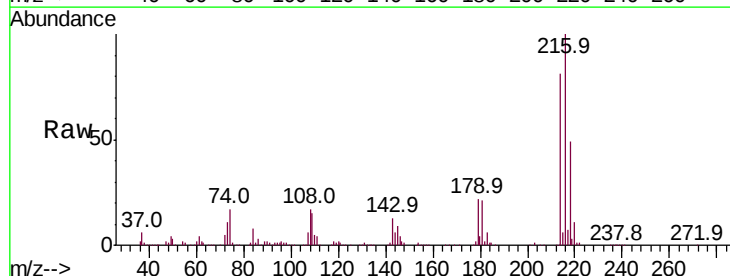
Instrument :
 BNA_F
 ClientSampled :

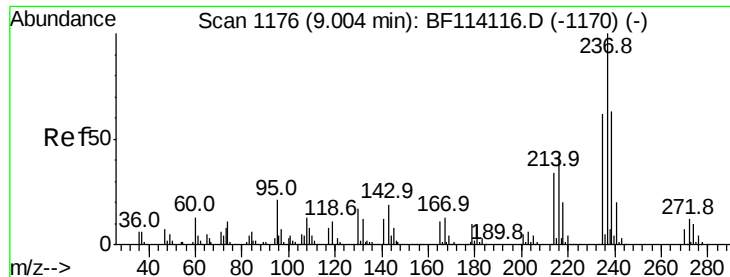
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	45.7	36.5	54.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.783 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.7	63.9	95.9
179	21.7	17.0	25.6
108	18.5	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 37.991 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

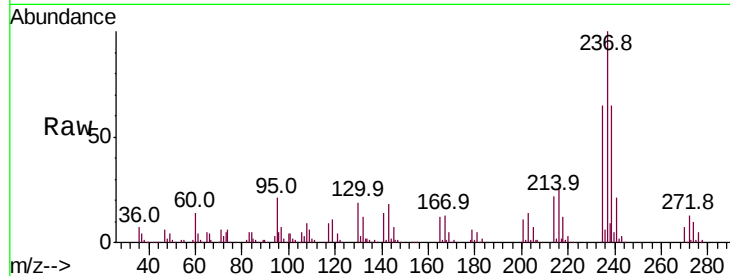
Tot Ion:237 Resp: 201982

Ion Ratio Lower Upper

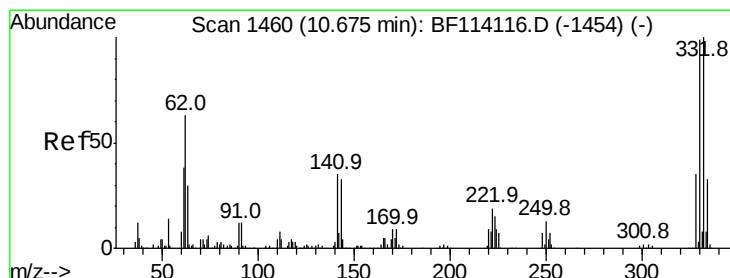
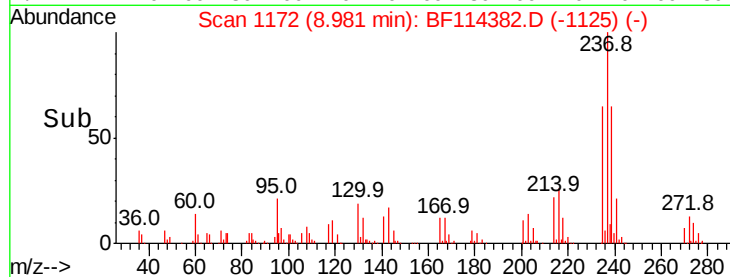
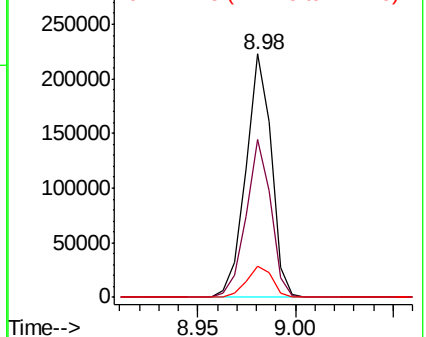
237 100

235 65.0 42.0 82.0

272 12.7 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 116.510 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

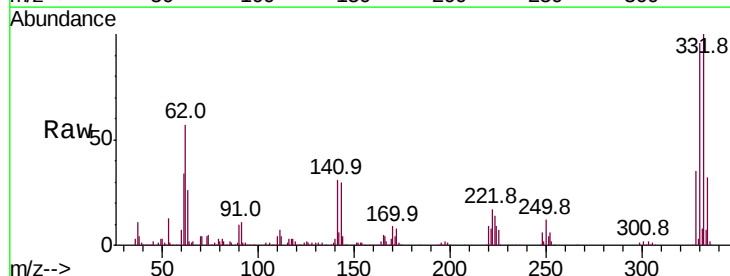
Tgt Ion:330 Resp: 484385

Ion Ratio Lower Upper

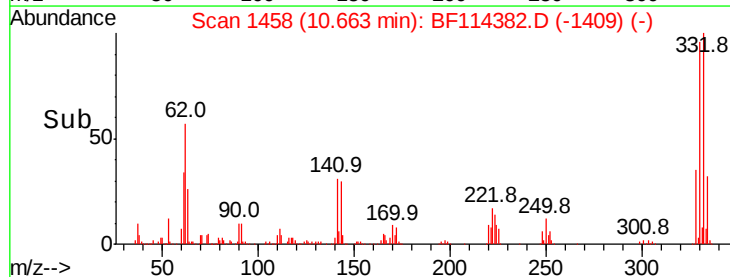
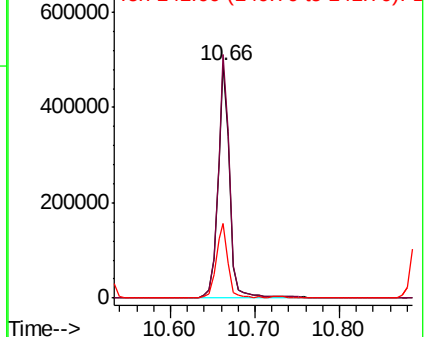
330 100

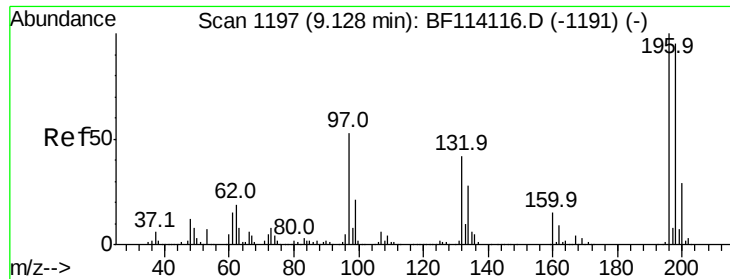
332 102.2 81.4 122.2

141 32.6 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

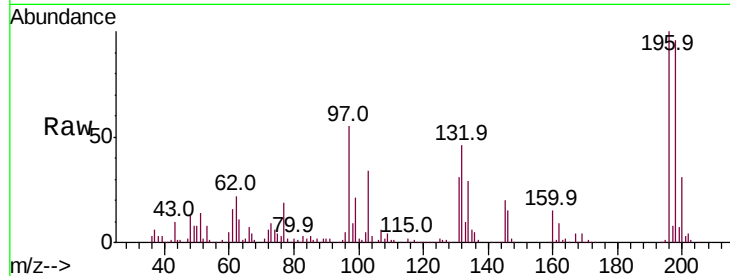




#43
 2,4,6-Trichlorophenol
 Concen: 39.165 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	75.9	113.9
200	31.4	23.5	35.3

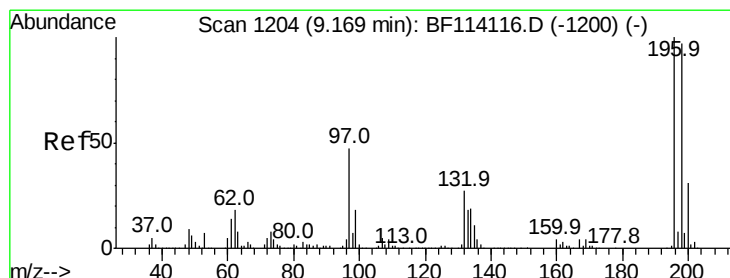
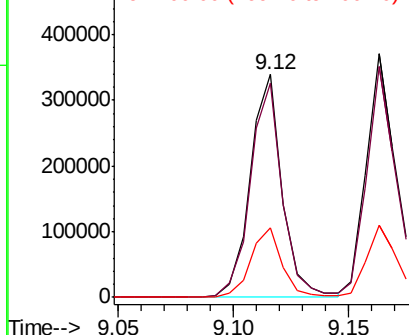
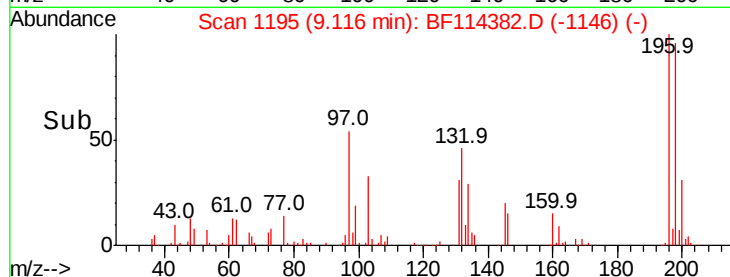


Abundance

Ion 196.00 (195.70 to 196.70): E

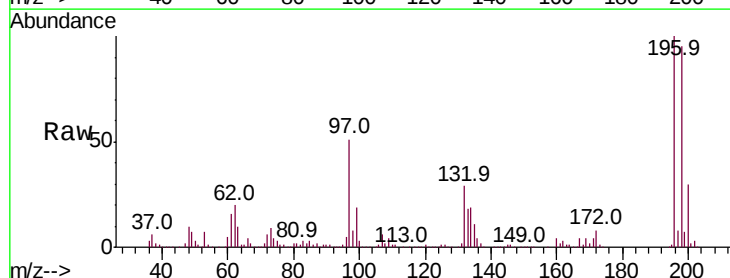
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.275 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.7	116.5
97	51.2	38.2	57.2
132	29.3	21.4	32.2



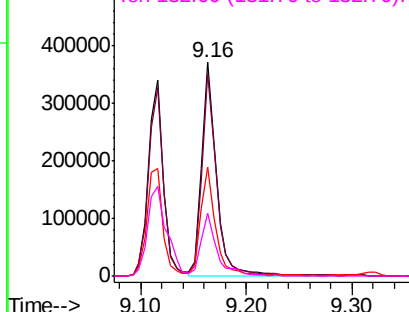
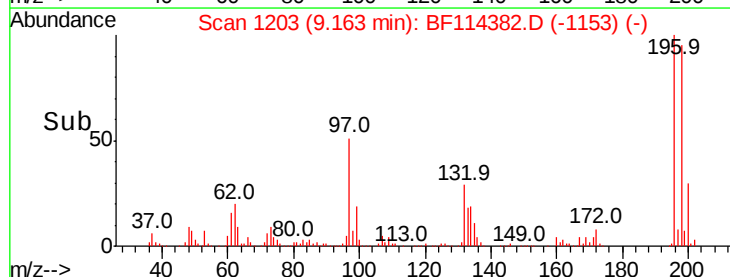
Abundance

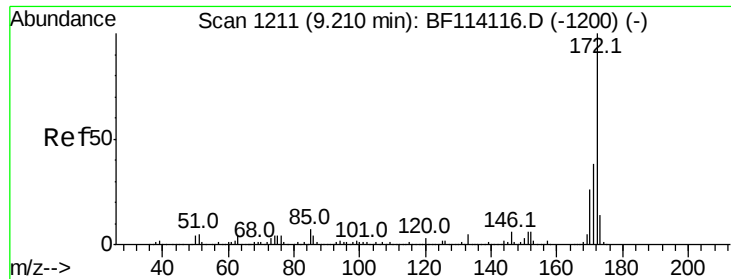
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

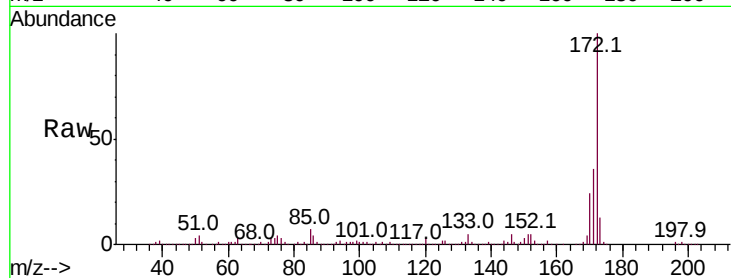




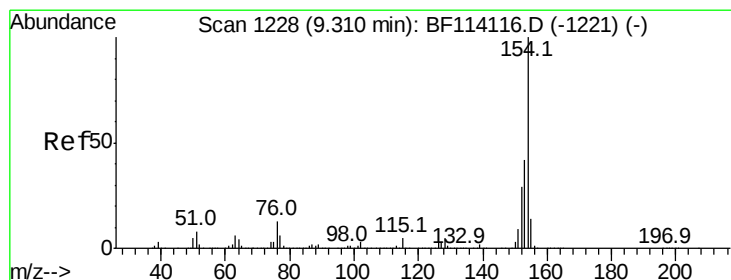
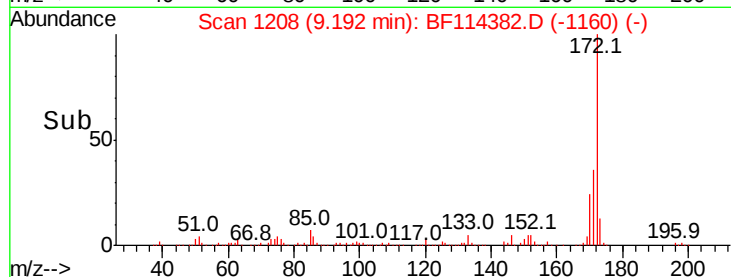
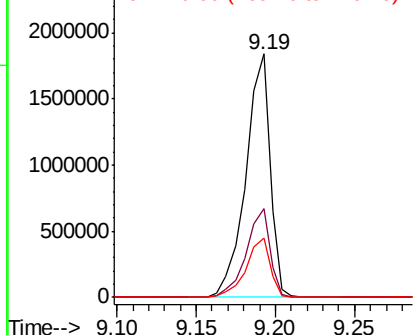
#45
2-Fluorobiphenyl
Concen: 73.452 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1952710
Ion Ratio Lower Upper
172 100
171 36.4 30.7 46.1
170 24.2 20.5 30.7

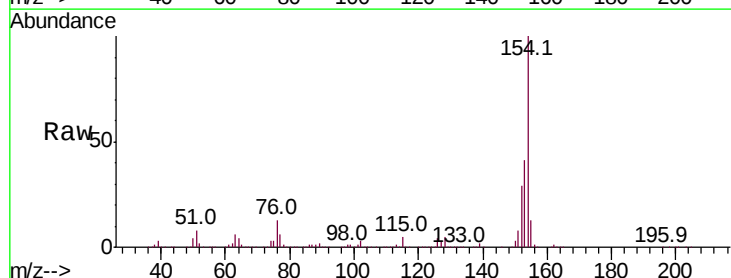


Abundance Ion 172.00 (171.70 to 172.70): E
2500000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

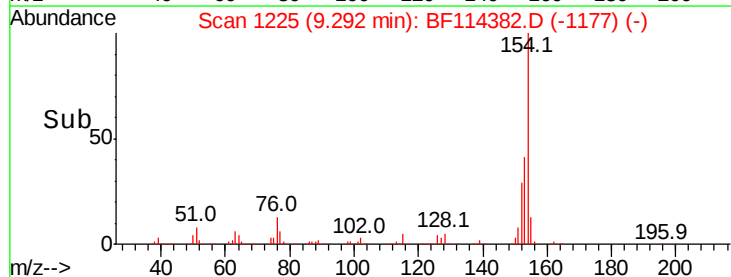
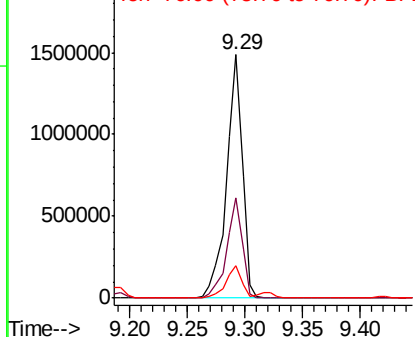


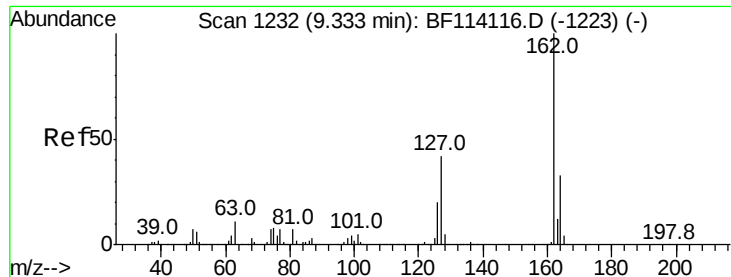
#46
1,1'-Biphenyl
Concen: 43.245 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:154 Resp: 1404929
Ion Ratio Lower Upper
154 100
153 41.2 21.9 61.9
76 13.2 0.0 32.8



Abundance Ion 154.00 (153.70 to 154.70): E
2000000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



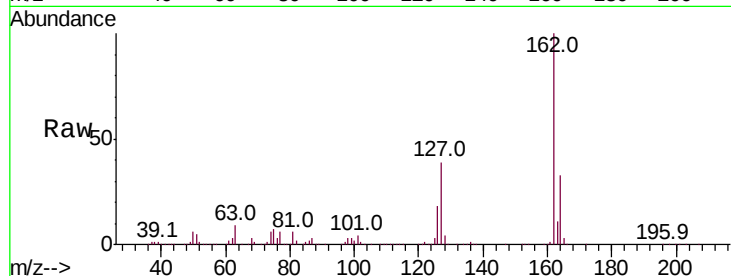


#47
 2-Chloronaphthalene
 Concen: 41.012 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

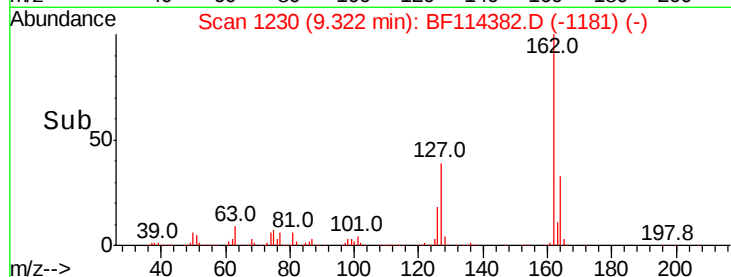
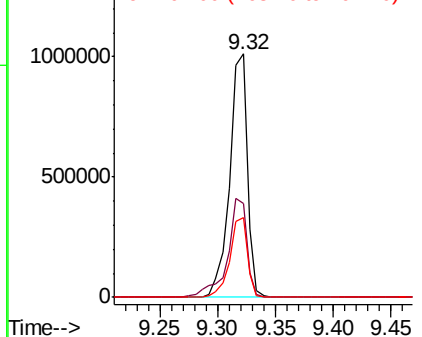
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 1072287

Ion	Ratio	Lower	Upper
162	100		
127	38.8	34.0	51.0
164	32.7	26.7	40.1



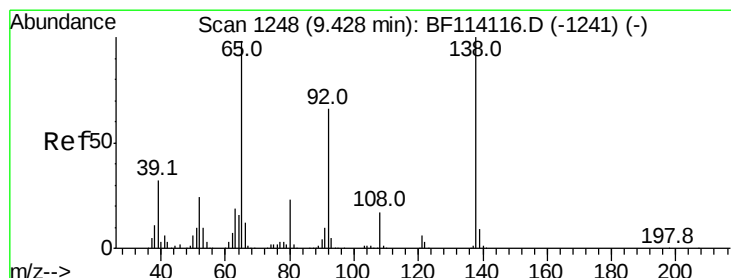
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



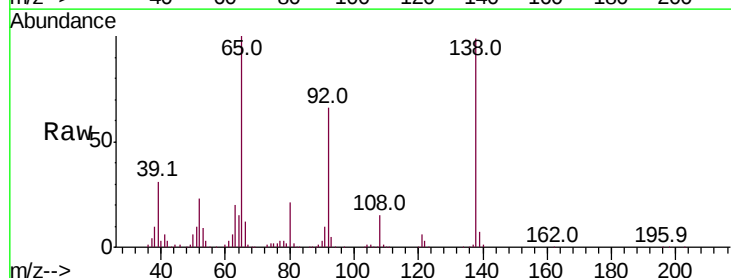
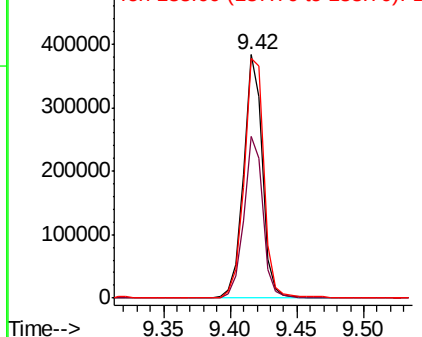
#48
 2-Nitroaniline
 Concen: 40.141 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

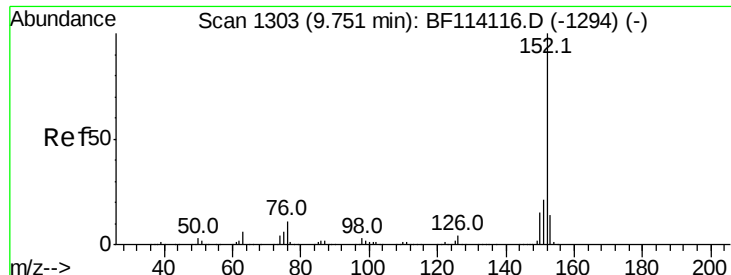
Tgt Ion: 65 Resp: 372202

Ion	Ratio	Lower	Upper
65	100		
92	66.2	53.9	80.9
138	98.6	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.688 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

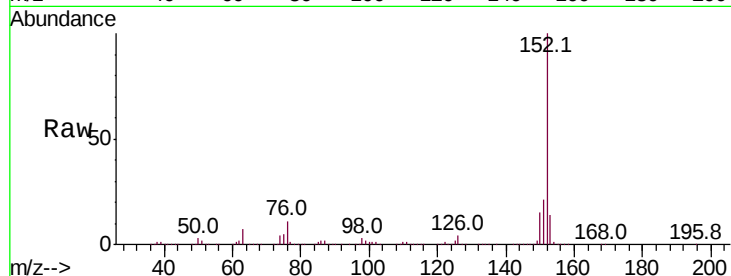
Tot Ion:152 Resp: 1697506

Ion Ratio Lower Upper

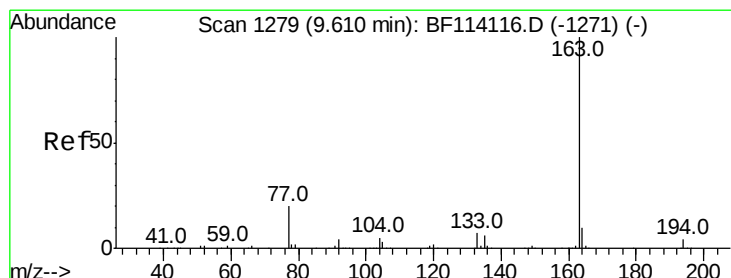
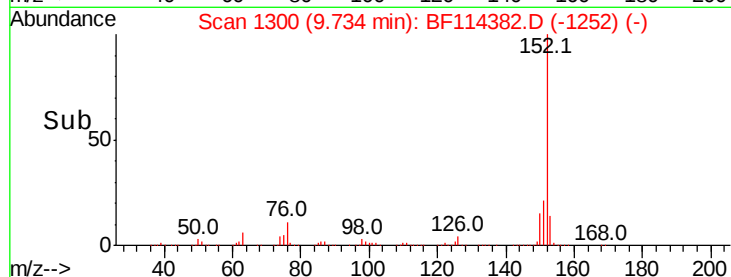
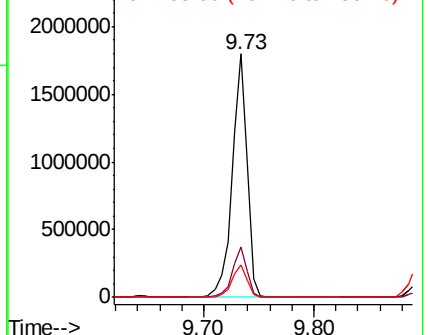
152 100

151 20.7 16.8 25.2

153 13.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.128 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

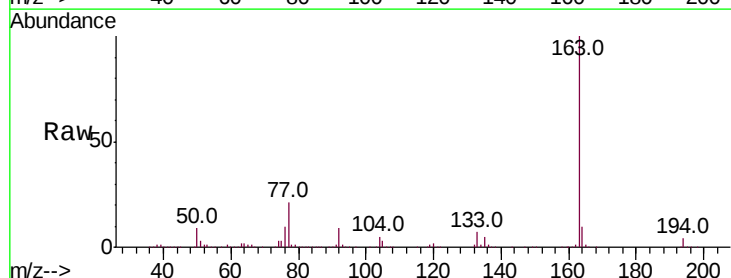
Tgt Ion:163 Resp: 1243643

Ion Ratio Lower Upper

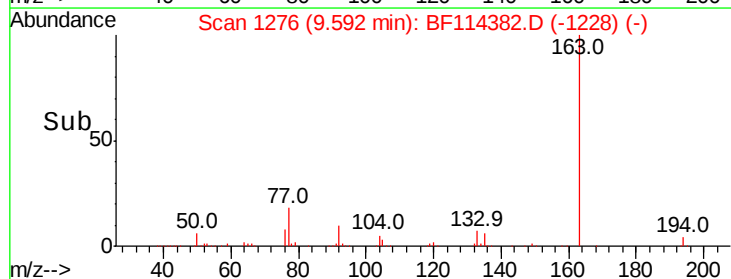
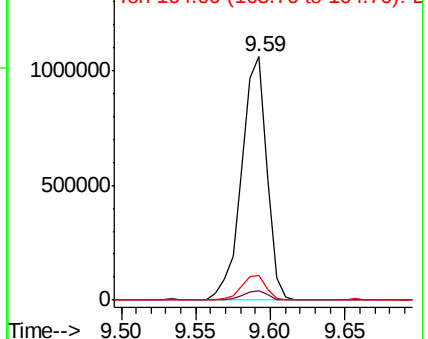
163 100

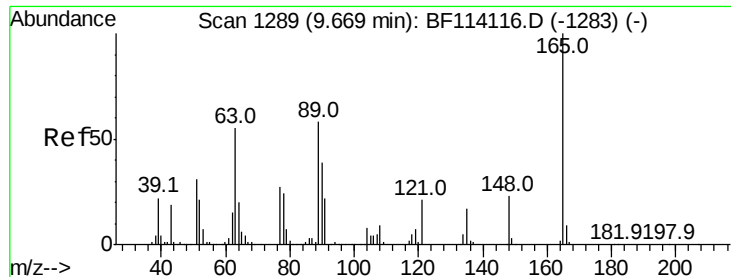
194 3.9 3.4 5.0

164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.554 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

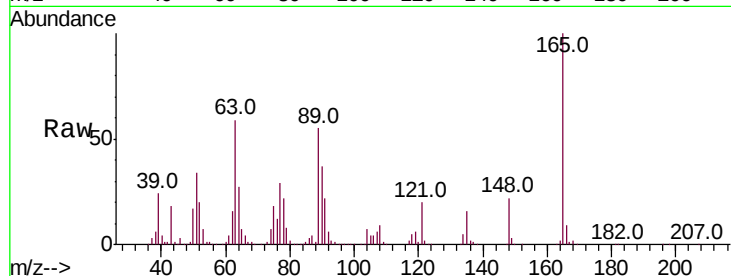
Tot Ion:165 Resp: 278627

Ion Ratio Lower Upper

165 100

63 59.3 50.2 75.4

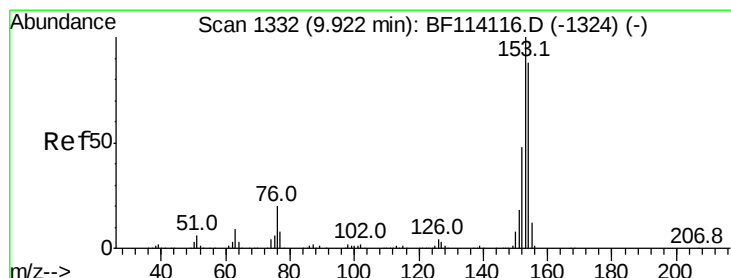
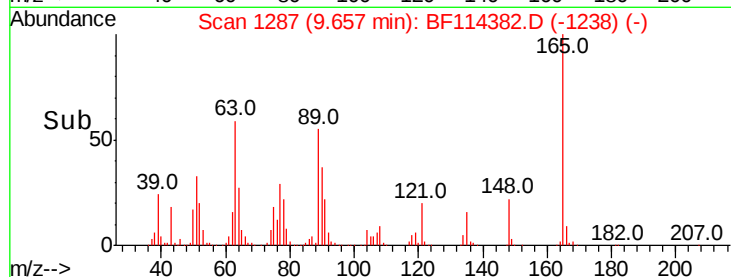
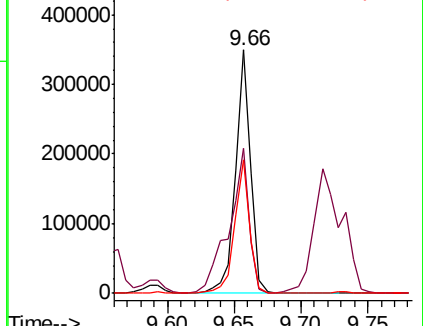
89 55.0 46.6 69.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 40.790 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

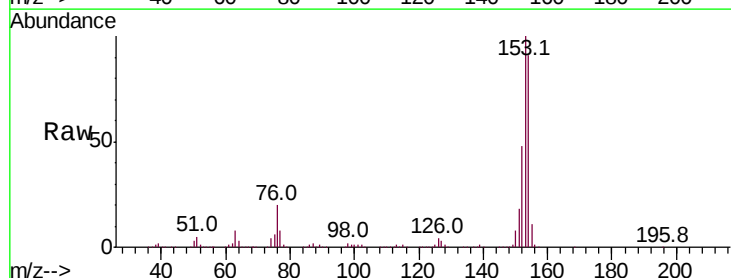
Tgt Ion:154 Resp: 995350

Ion Ratio Lower Upper

154 100

153 110.5 90.5 135.7

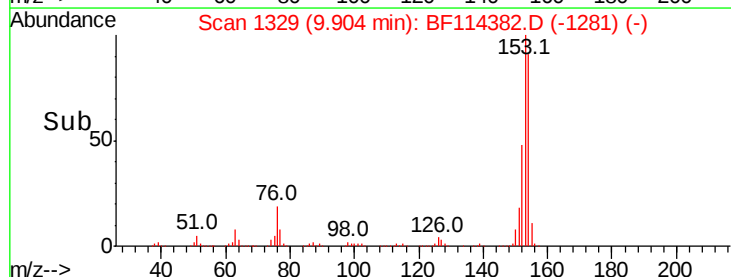
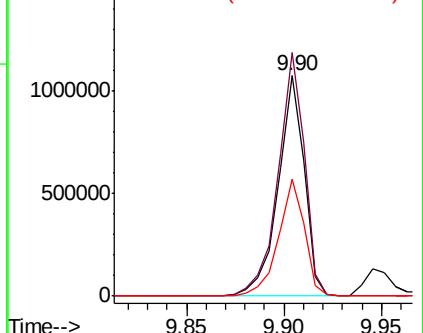
152 53.3 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

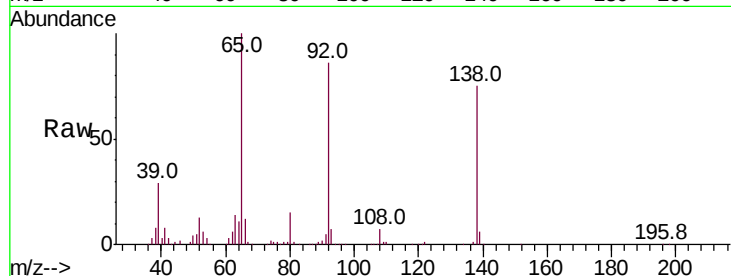




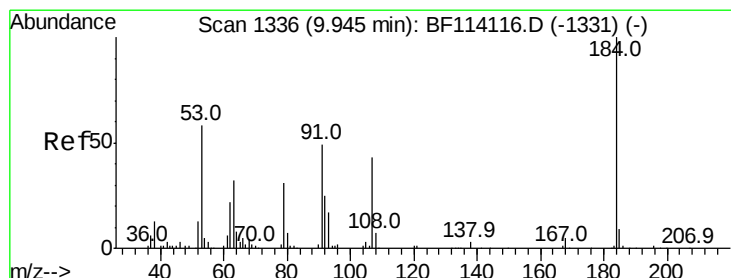
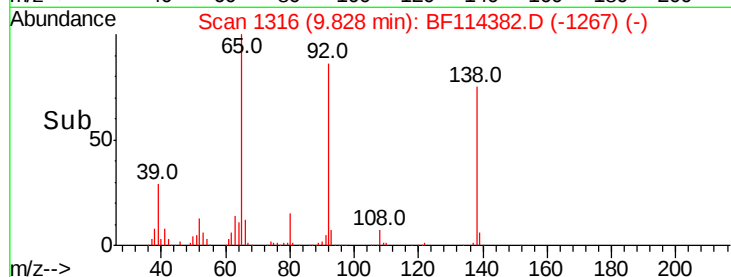
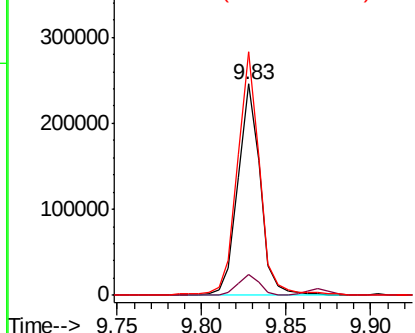
#53
3-Nitroaniline
Concen: 27.760 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 225635
Ion Ratio Lower Upper
138 100
108 10.0 7.8 11.6
92 115.1 91.2 136.8

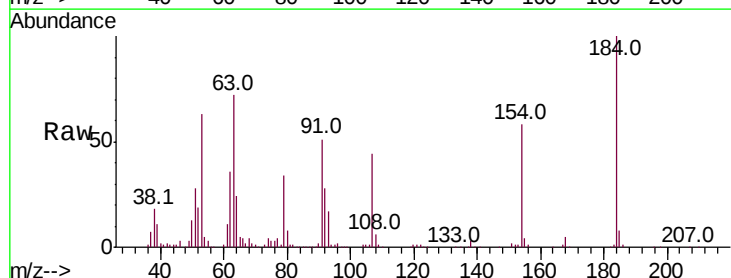


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

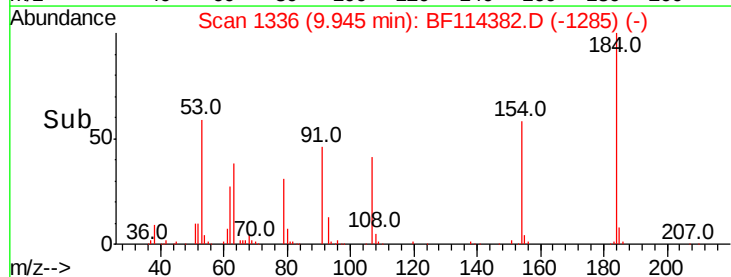
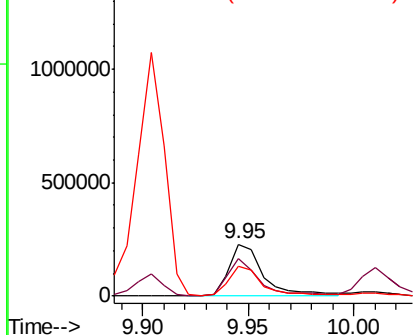


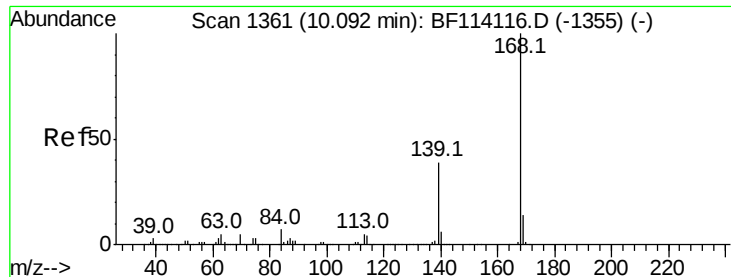
#54
2,4-Dinitrophenol
Concen: 79.558 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:184 Resp: 261803
Ion Ratio Lower Upper
184 100
63 71.5 55.6 83.4
154 57.9 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 40.675 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

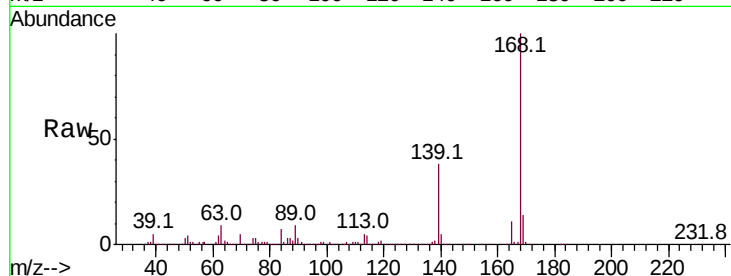
Tot Ion:168 Resp: 1455435

Ion Ratio Lower Upper

168 100

139 38.2 31.1 46.7

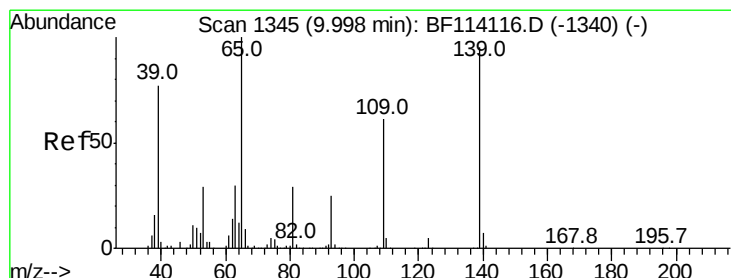
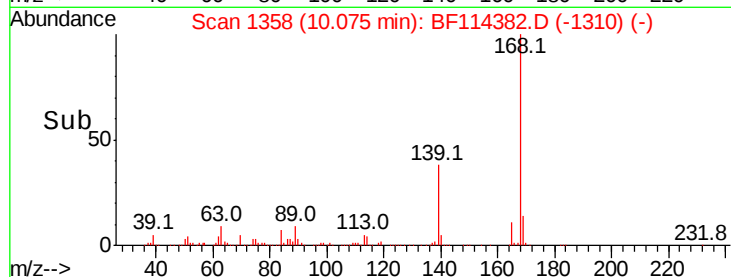
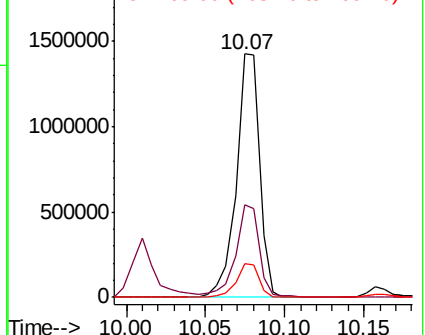
169 14.0 11.4 17.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 61.442 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

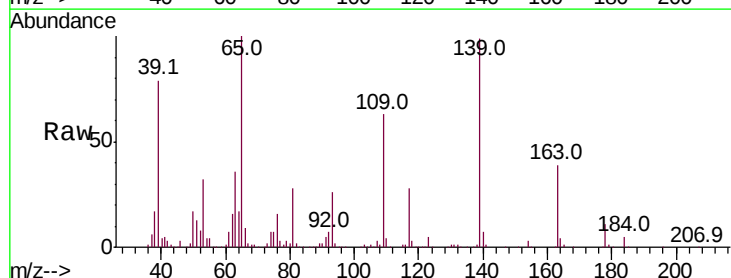
Tgt Ion:139 Resp: 353167

Ion Ratio Lower Upper

139 100

109 63.3 43.9 83.9

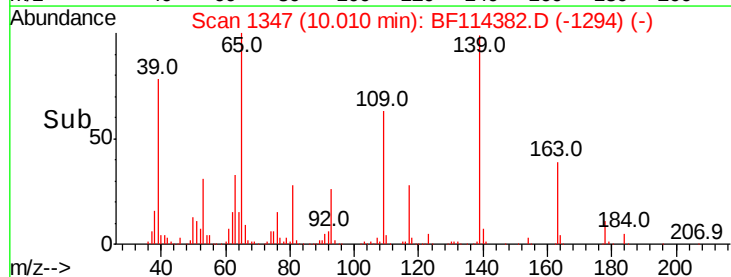
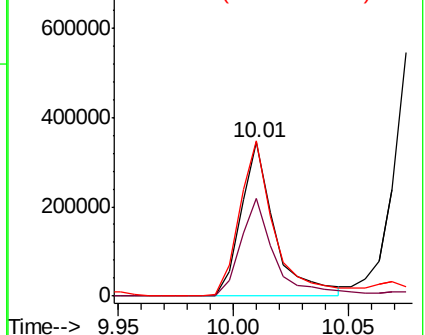
65 100.9 85.7 125.7

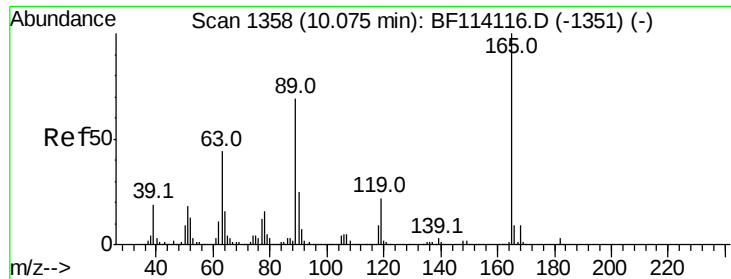


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

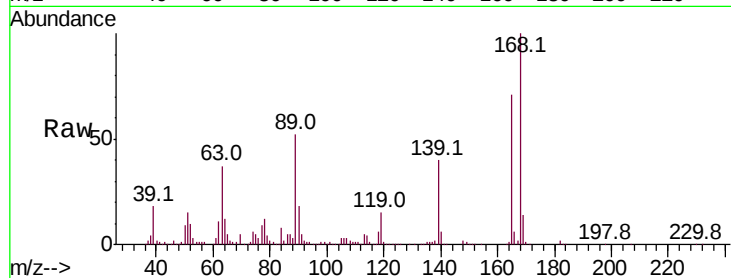




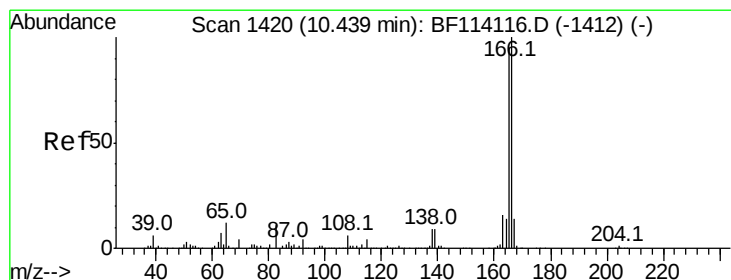
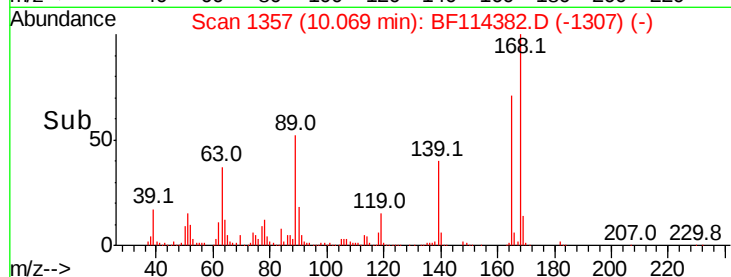
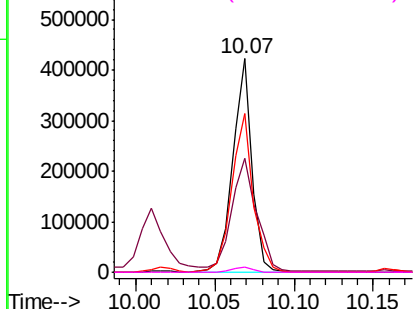
#57
2,4-Dinitrotoluene
Concen: 39.886 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 354470
Ion Ratio Lower Upper
165 100
63 53.1 35.5 53.3
89 74.3 55.2 82.8
182 2.6 2.2 3.2

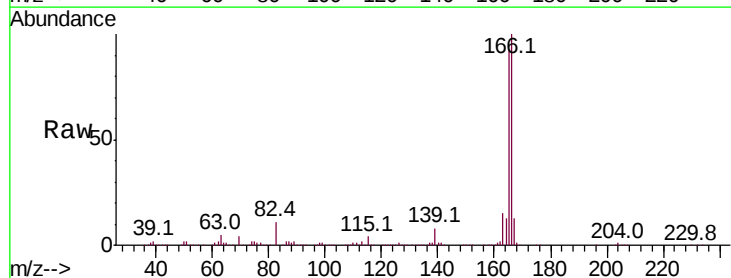


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

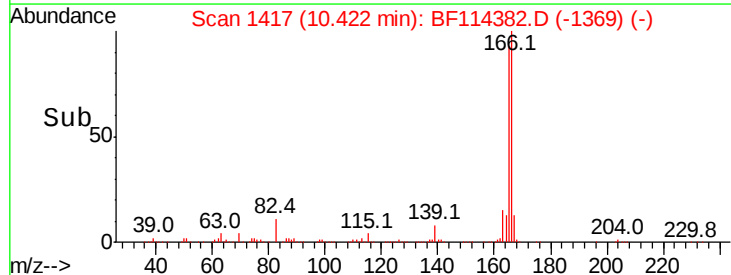
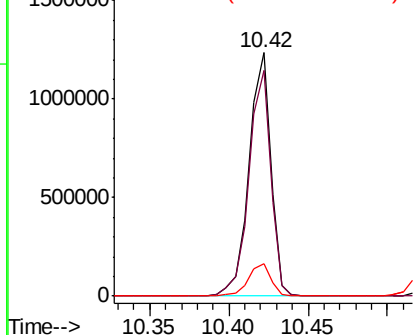


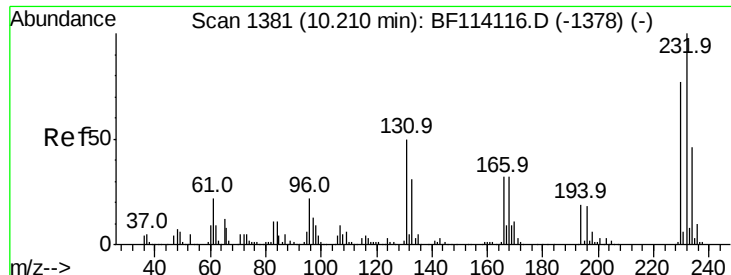
#58
Fluorene
Concen: 42.572 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:166 Resp: 1176626
Ion Ratio Lower Upper
166 100
165 92.9 76.1 114.1
167 13.3 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

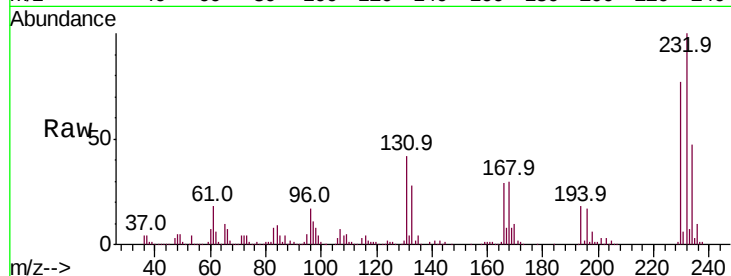




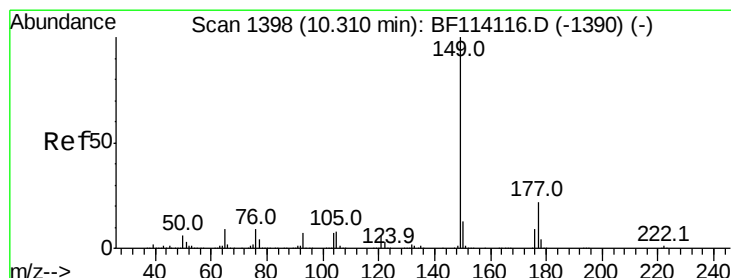
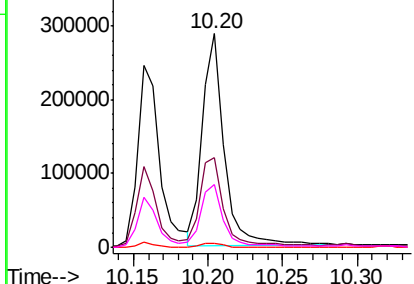
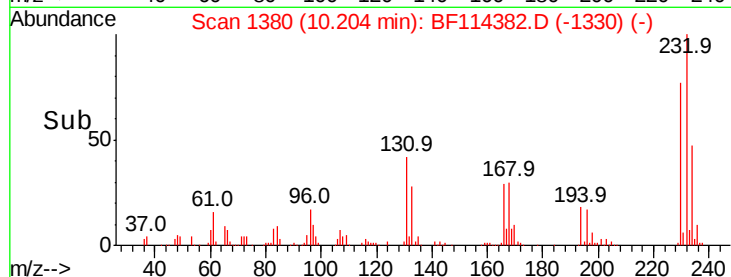
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.091 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	289837
Ion	Ratio	Lower	Upper
232	100		
131	45.7	35.6	53.4
130	2.3	1.6	2.4
166	30.6	24.1	36.1

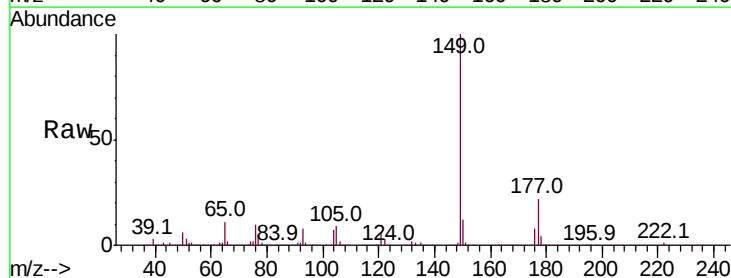


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

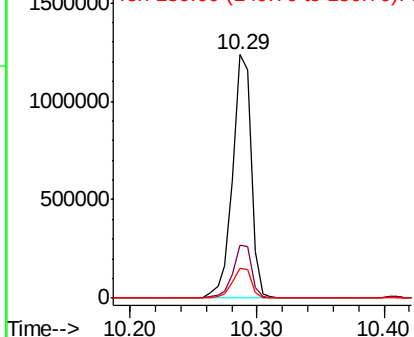
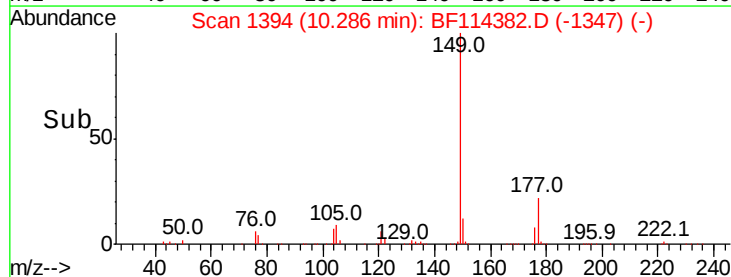


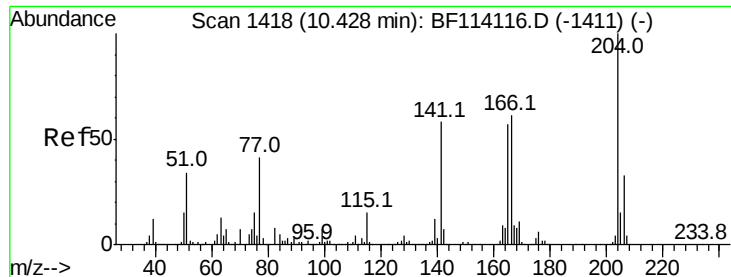
#60
 Diethylphthalate
 Concen: 41.402 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion:	149	Resp:	1241836
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.8	26.6
150	12.5	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

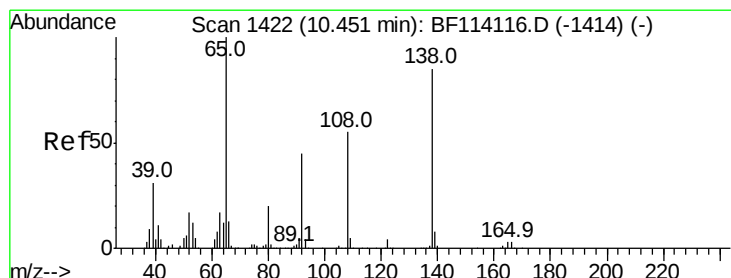
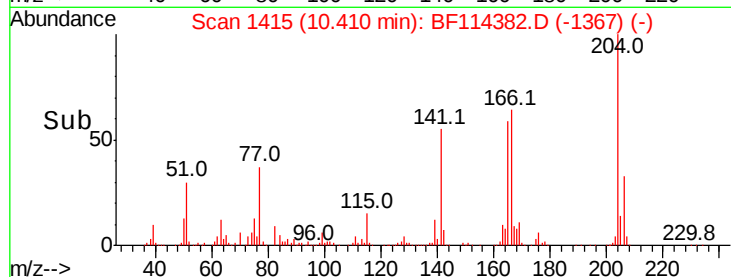
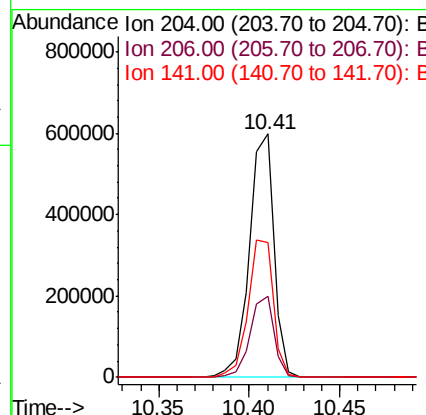
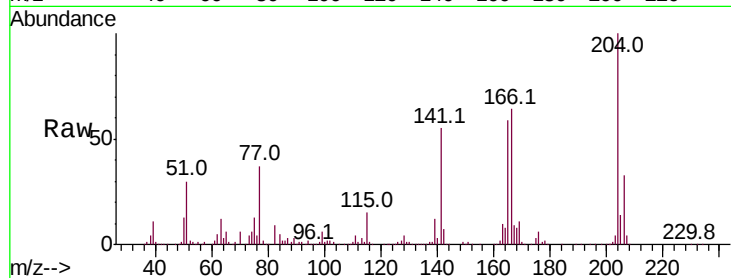




#61
4-Chlorophenyl-phenylether
Concen: 41.493 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

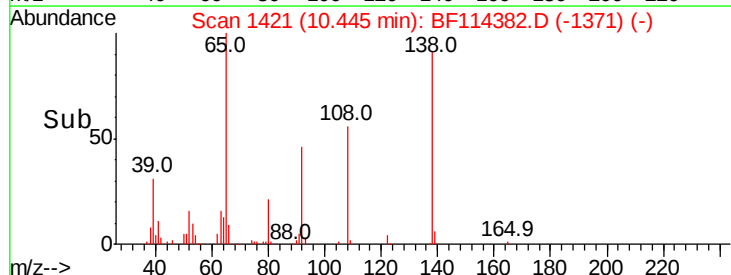
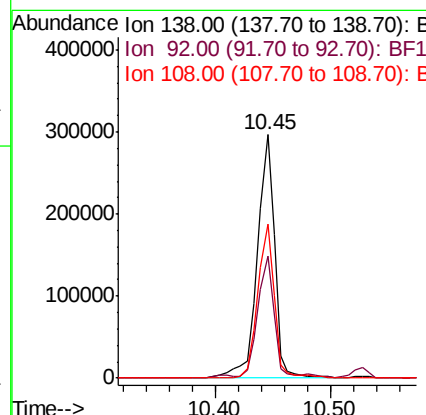
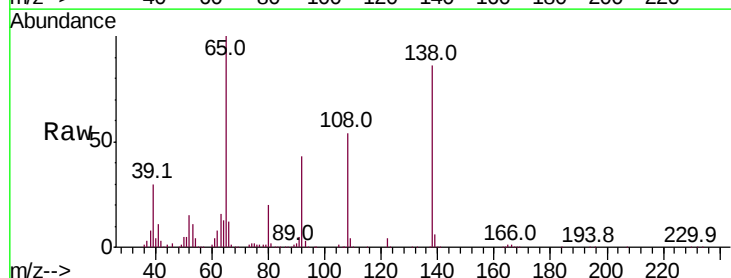
Instrument :
BNA_F
ClientSampled :

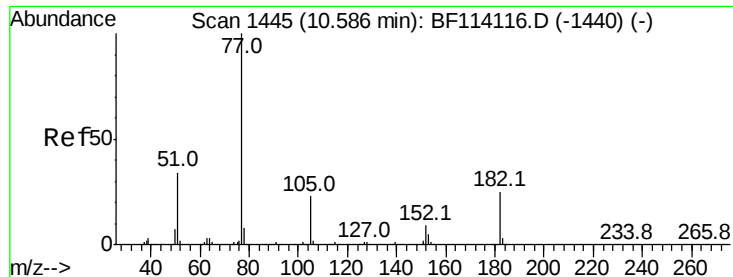
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	55.2	46.4	69.6



#62
4-Nitroaniline
Concen: 36.567 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	33.0	73.0
108	63.1	44.9	84.9

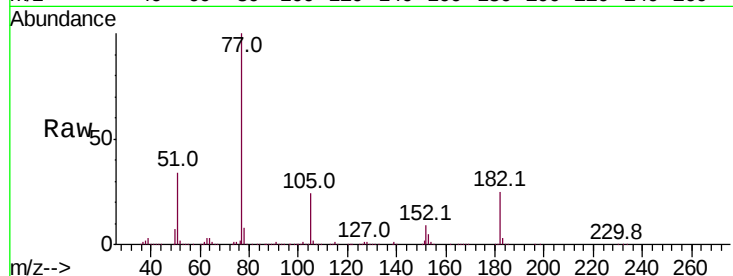




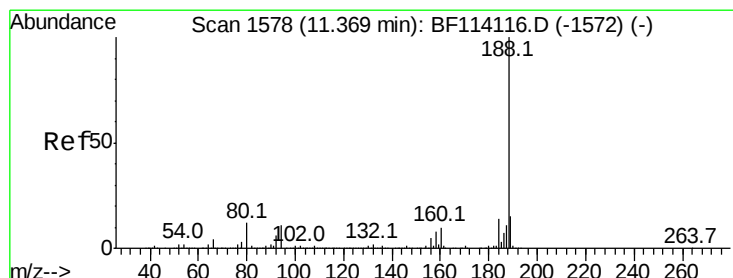
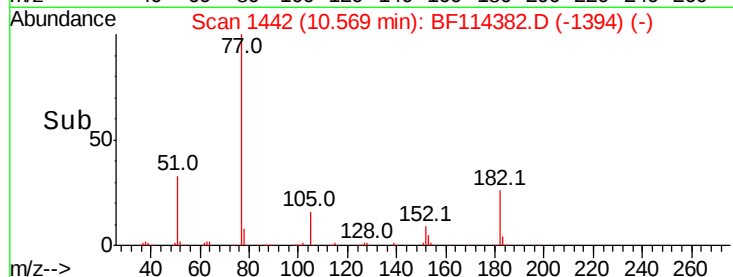
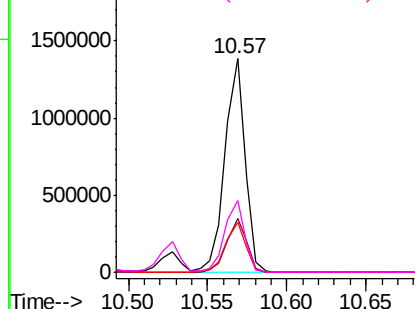
#63
Azobenzene
Concen: 41.834 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1214581
Ion Ratio Lower Upper
77 100
182 25.1 4.7 44.7
105 23.6 2.9 42.9
51 33.8 14.6 54.6

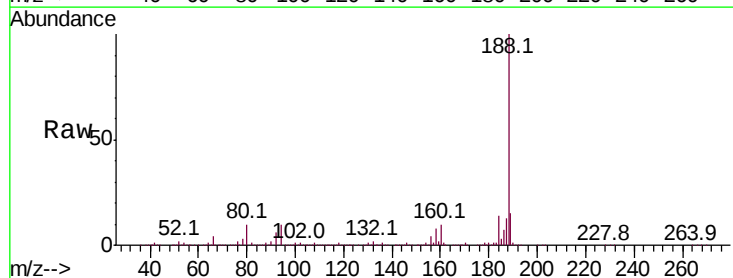


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

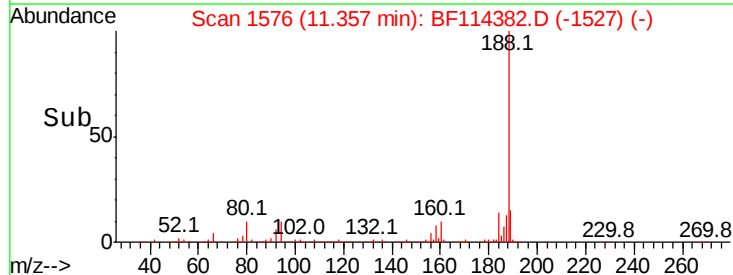
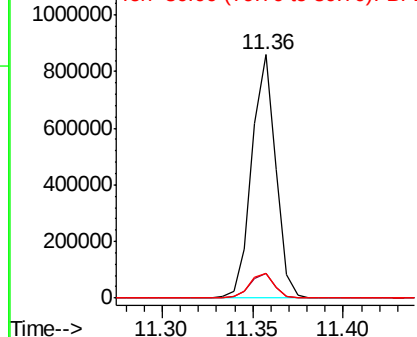


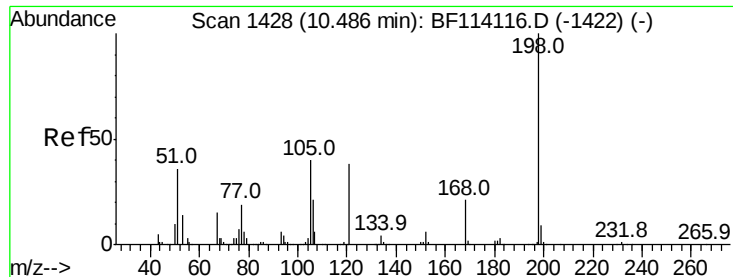
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion: 188 Resp: 788608
Ion Ratio Lower Upper
188 100
94 10.1 8.4 12.6
80 10.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

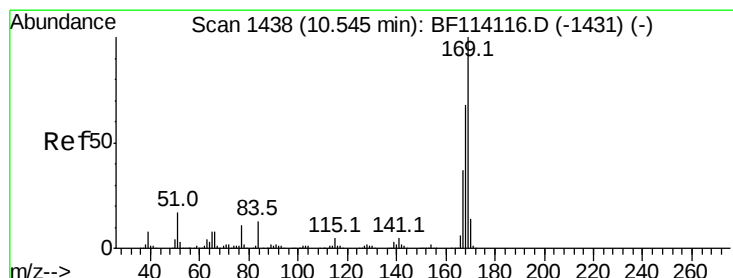
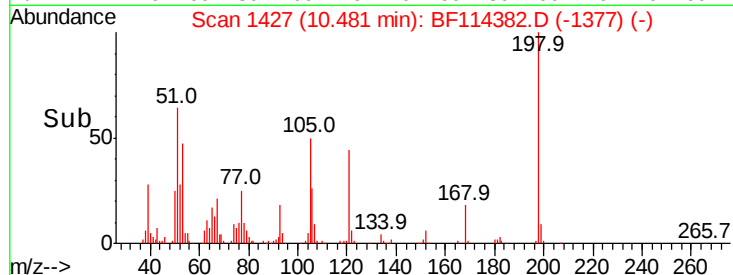
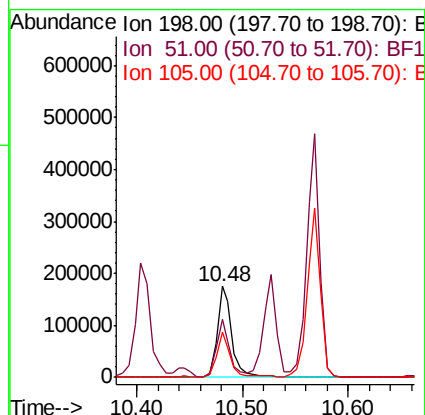
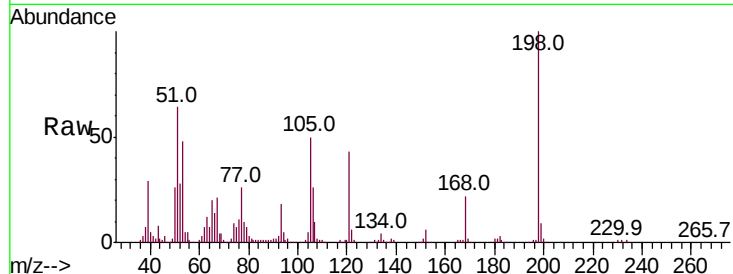




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.859 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

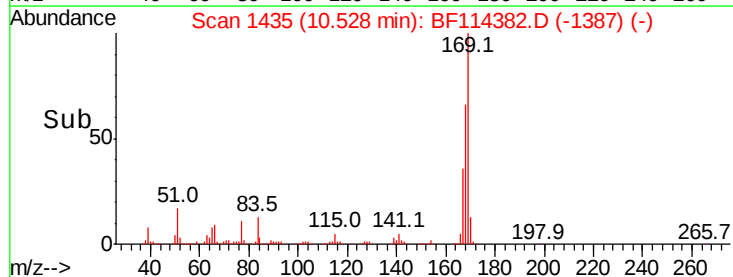
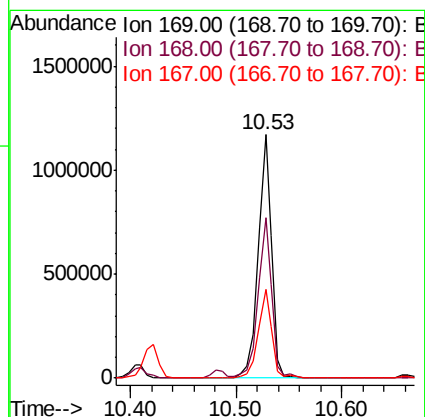
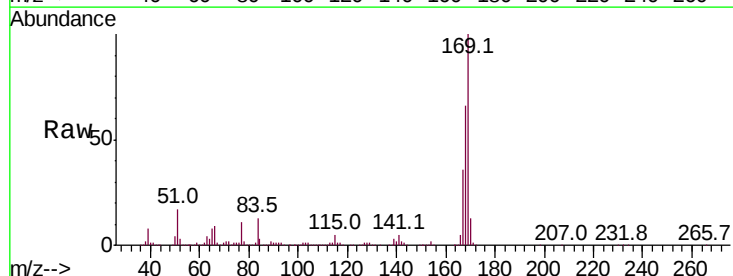
Instrument :
 BNA_F
 ClientSampleId :

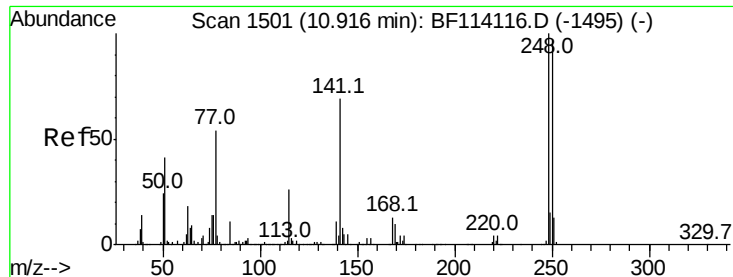
Tot Ion:198 Resp: 173777
 Ion Ratio Lower Upper
 198 100
 51 63.7 28.0 68.0
 105 49.8 21.1 61.1



#66
 n-Nitrosodiphenylamine
 Concen: 44.086 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF114382.D
 Acq: 18 May 2019 11:18

Tgt Ion:169 Resp: 1055173
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.2 81.2
 167 36.4 29.8 44.8

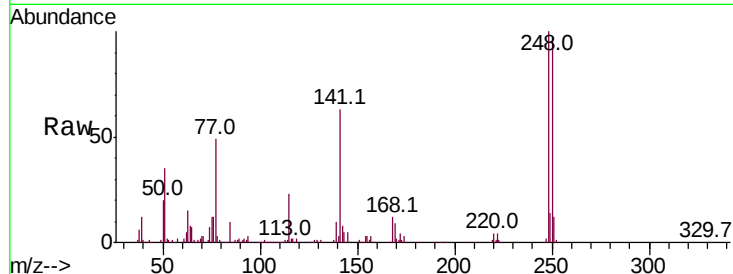




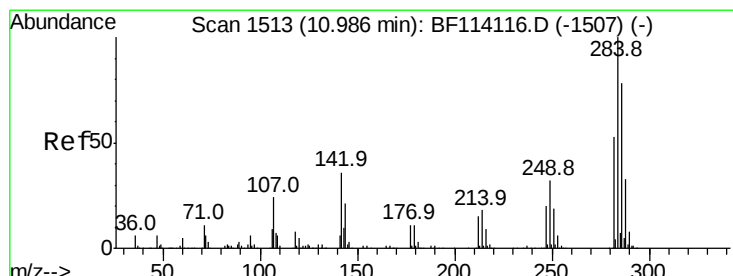
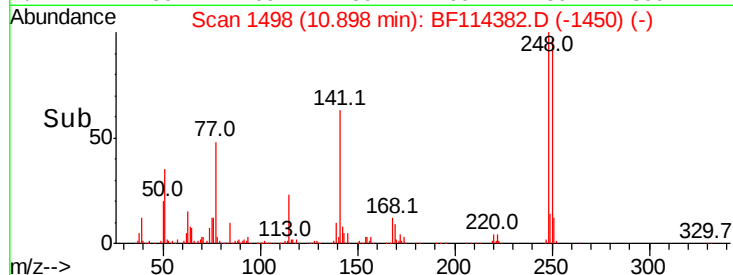
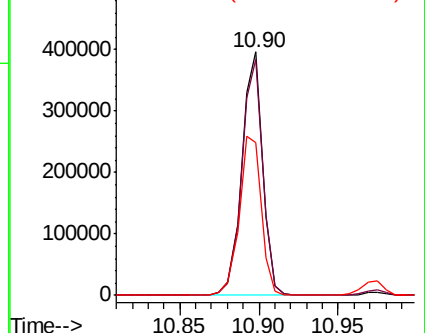
#67
4-Bromophenyl-phenylether
Concen: 41.393 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 359411
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 62.6 55.6 83.4

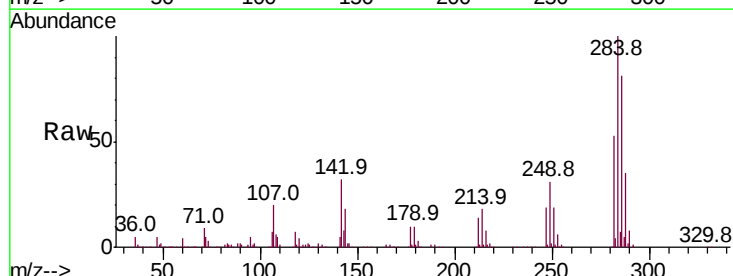


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

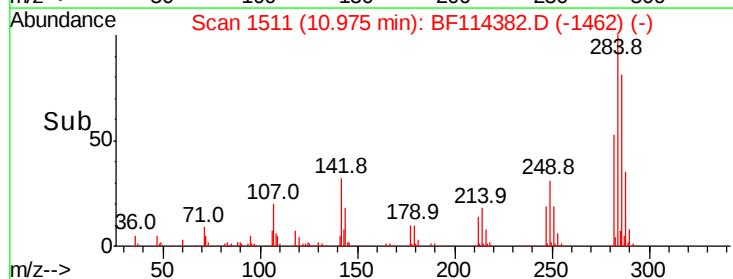
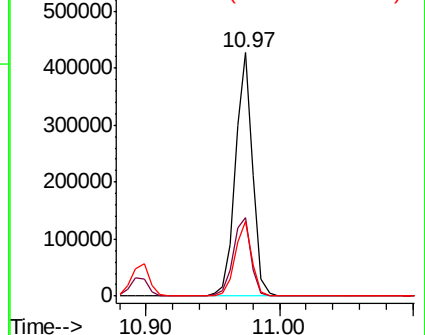


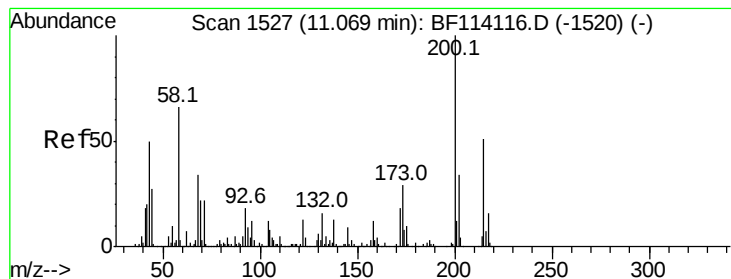
#68
Hexachlorobenzene
Concen: 40.166 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:284 Resp: 385825
Ion Ratio Lower Upper
284 100
142 32.3 28.4 42.6
249 30.6 25.2 37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.310 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

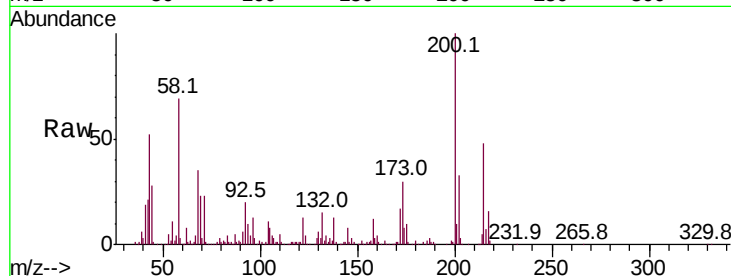
Tot Ion:200 Resp: 292793

Ion Ratio Lower Upper

200 100

173 30.1 8.9 48.9

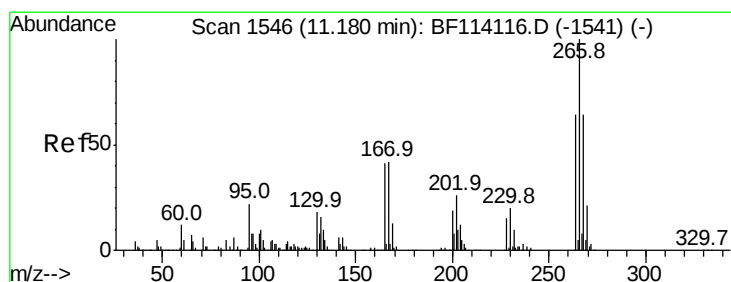
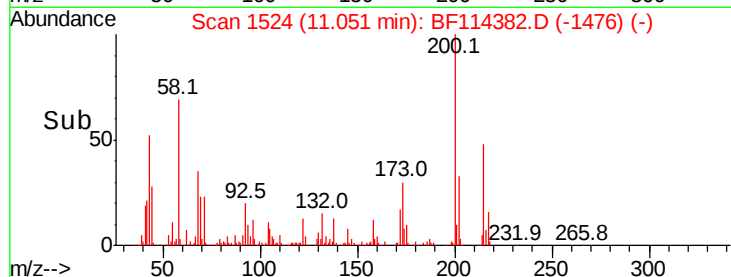
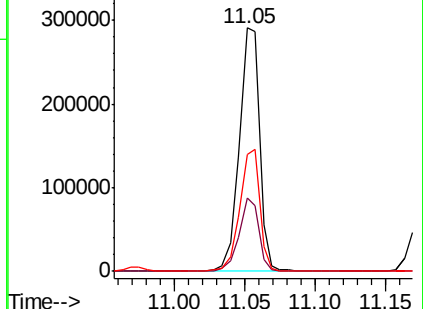
215 48.0 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 67.126 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

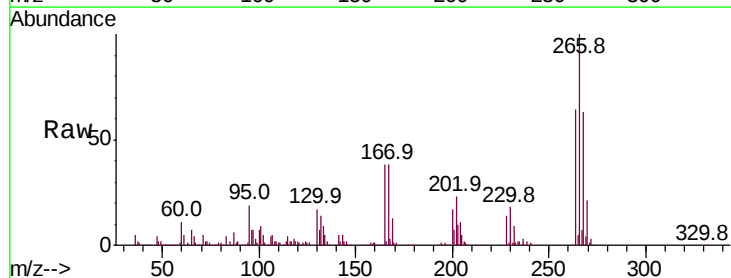
Tgt Ion:266 Resp: 305656

Ion Ratio Lower Upper

266 100

268 63.4 51.1 76.7

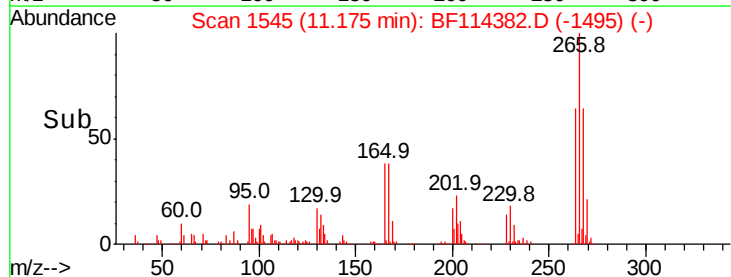
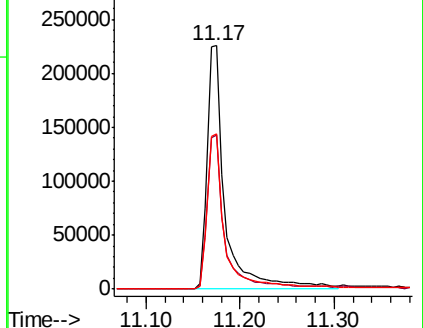
264 63.6 51.1 76.7

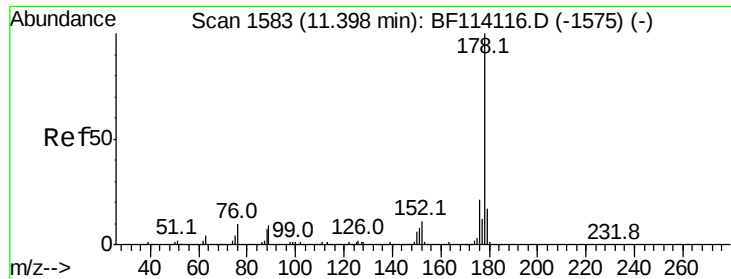


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

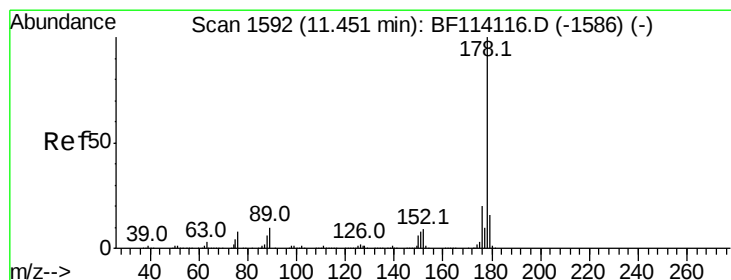
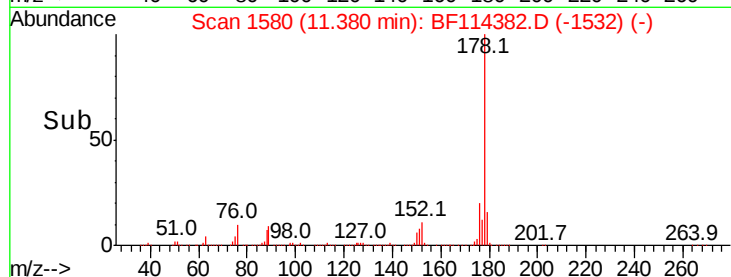
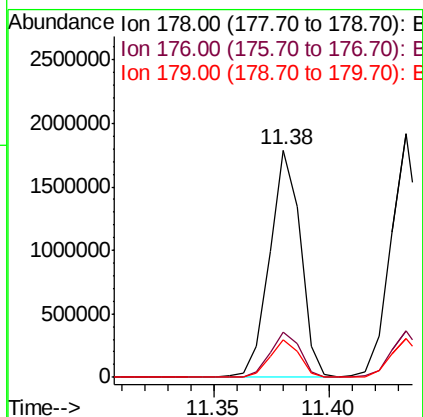
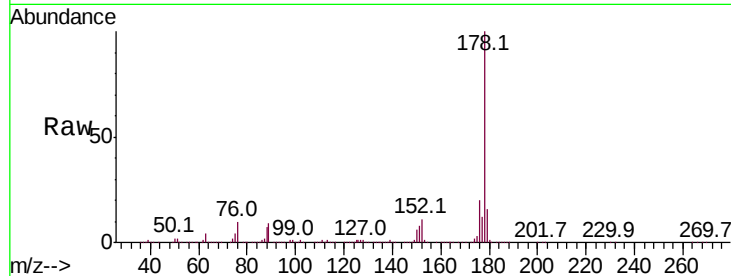




#71
Phenanthrene
Concen: 43.197 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

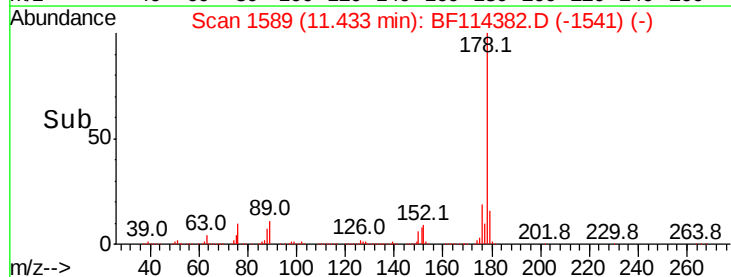
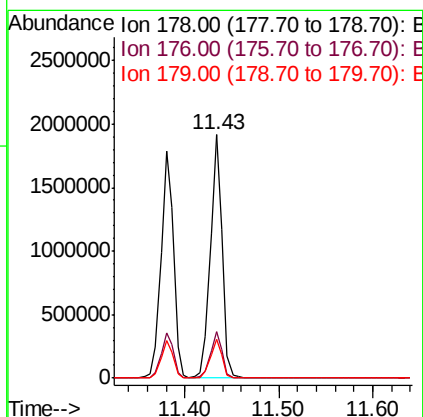
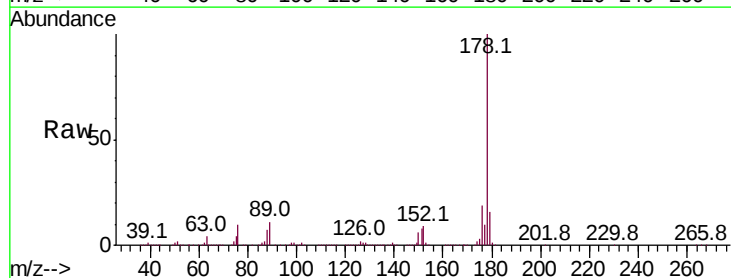
Instrument :
BNA_F
ClientSampleId :

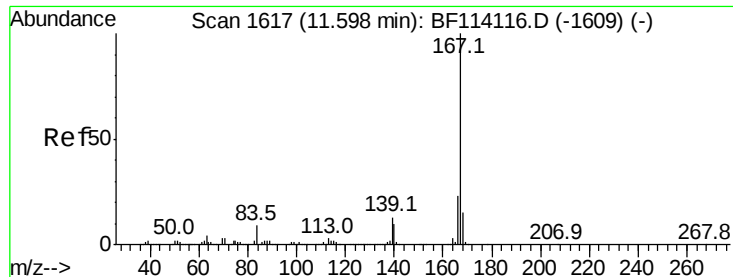
Tot Ion:178 Resp: 1657324
Ion Ratio Lower Upper
178 100
176 19.7 16.4 24.6
179 16.4 13.2 19.8



#72
Anthracene
Concen: 44.448 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:178 Resp: 1712847
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.9 13.0 19.4





#73

Carbazole

Concen: 44.362 ng

RT: 11.59 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

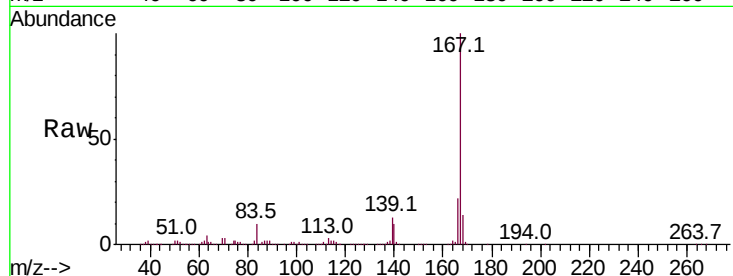
Tot Ion:167 Resp: 1630185

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

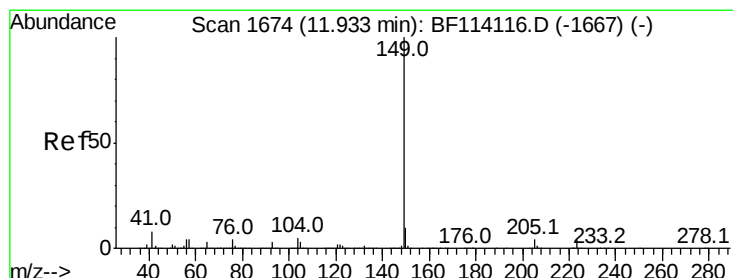
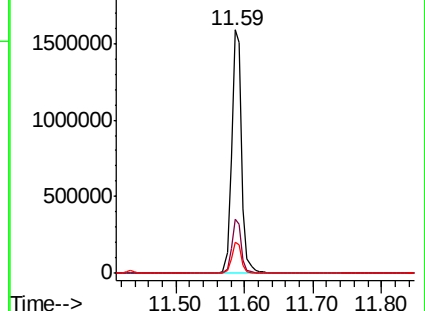
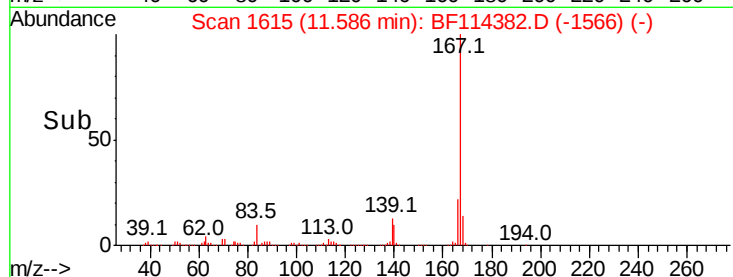
139 12.7 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 46.500 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

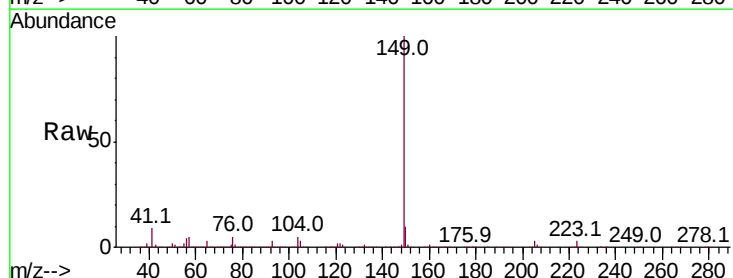
Tgt Ion:149 Resp: 1968624

Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

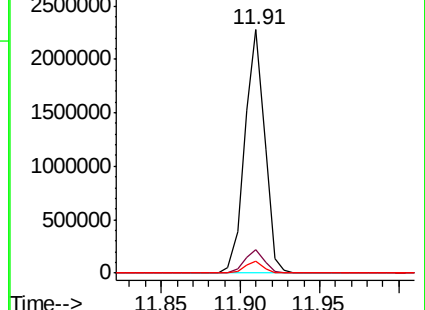
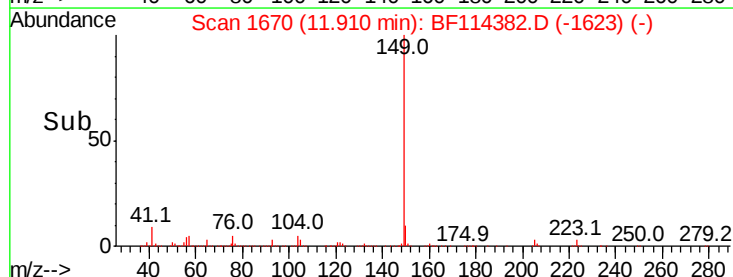
104 4.7 3.6 5.4

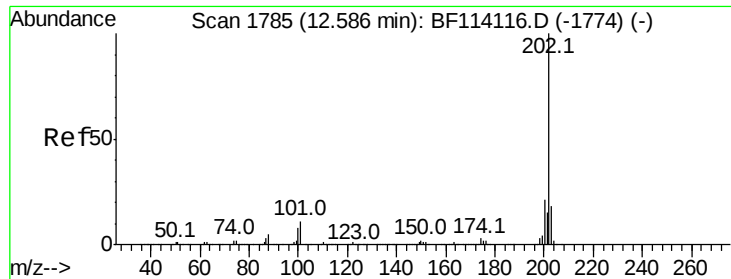


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.832 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

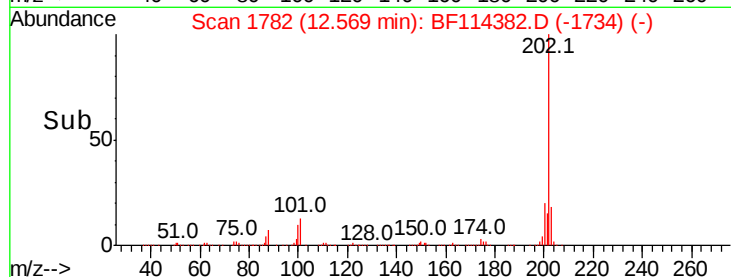
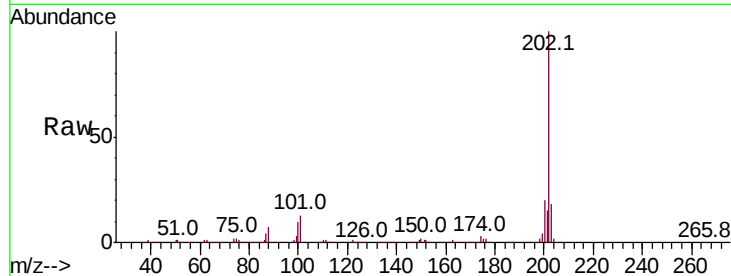
Tot Ion:202 Resp: 1810966

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.0

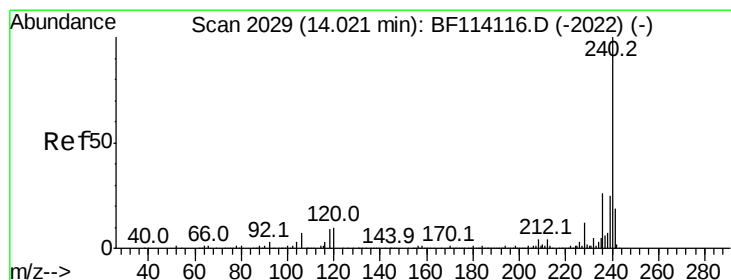
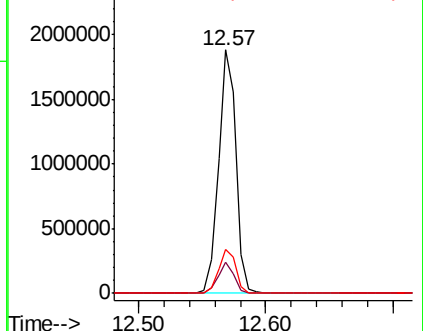
203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

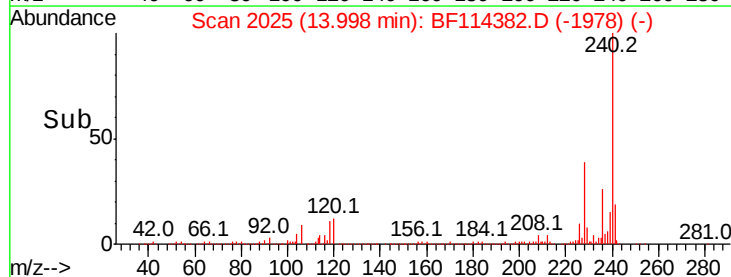
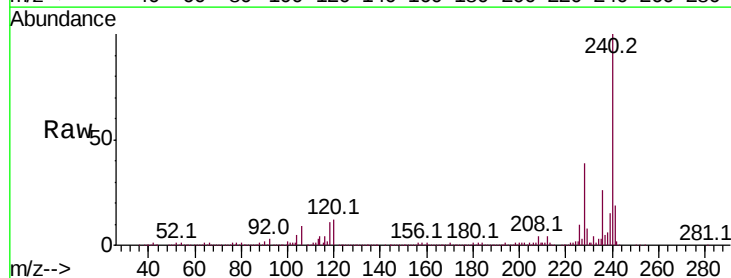
Tgt Ion:240 Resp: 611391

Ion Ratio Lower Upper

240 100

120 12.2 8.3 12.5

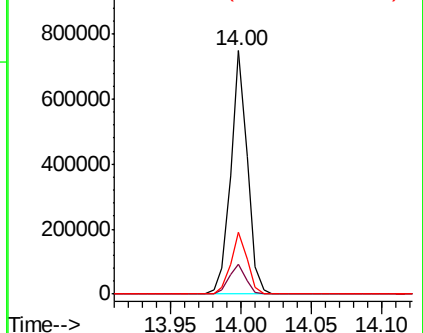
236 25.5 20.8 31.2

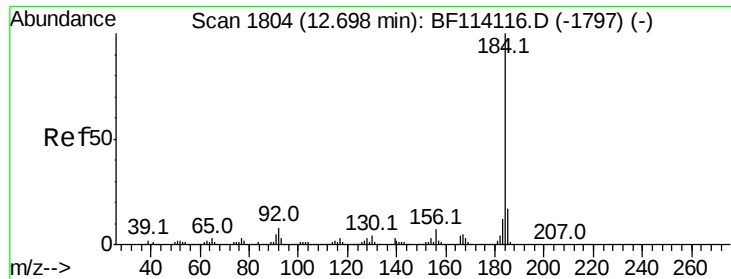


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.590 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

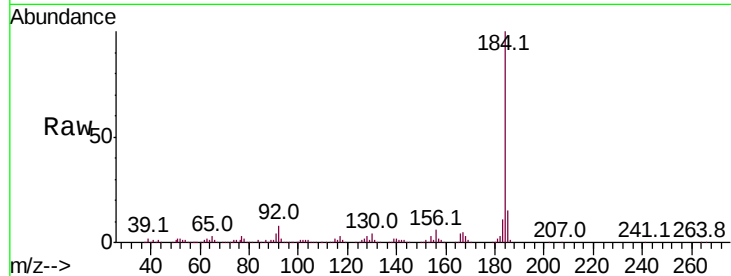
Tot Ion:184 Resp: 482734

Ion Ratio Lower Upper

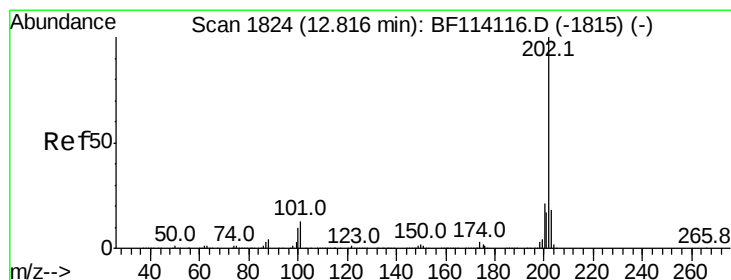
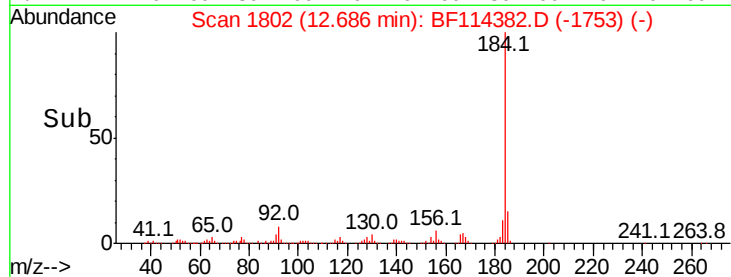
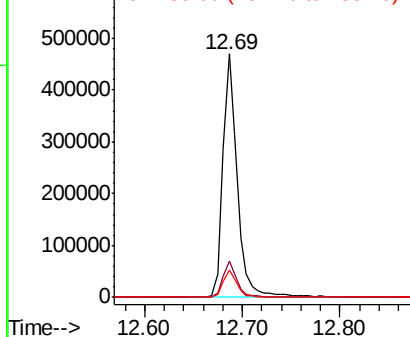
184 100

185 14.7 13.6 20.4

183 11.0 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.616 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

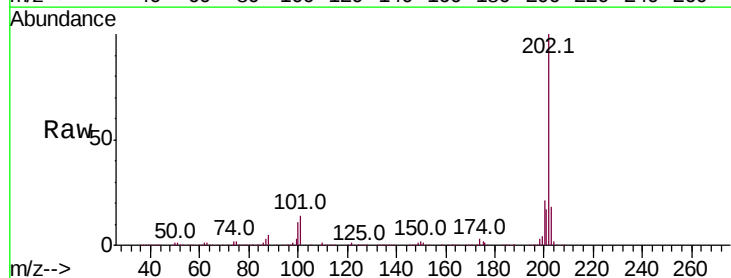
Tgt Ion:202 Resp: 1850081

Ion Ratio Lower Upper

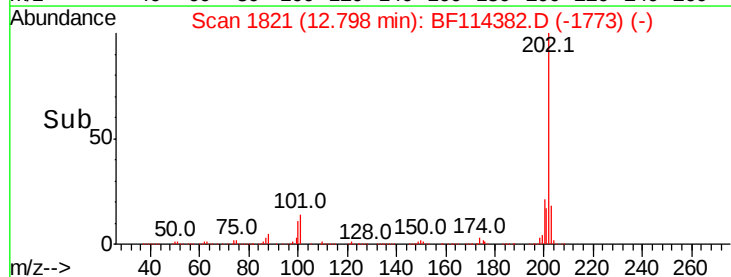
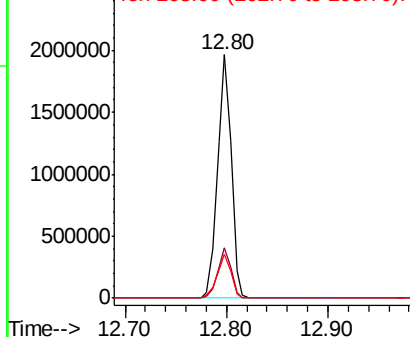
202 100

200 20.8 16.9 25.3

203 18.3 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.662 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampled :

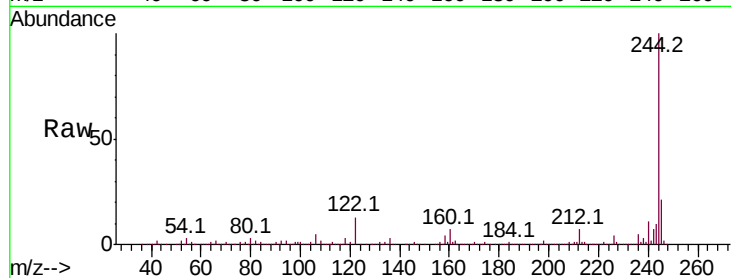
Tot Ion:244 Resp: 2095737

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

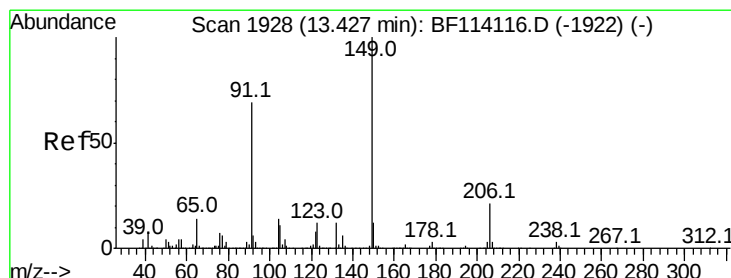
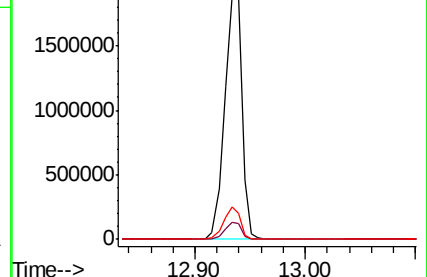
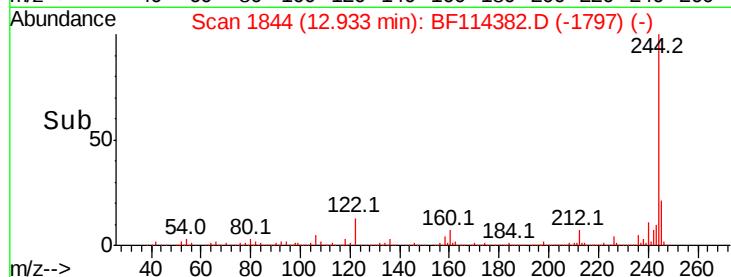
122 13.4 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.181 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

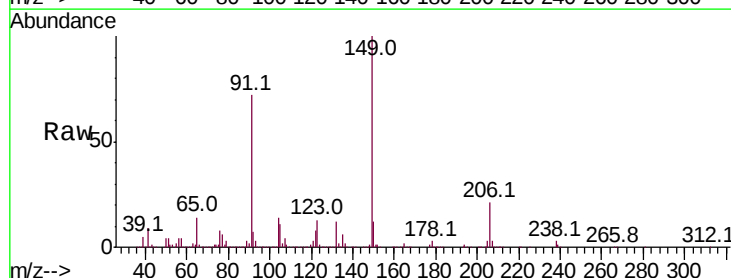
Tgt Ion:149 Resp: 873215

Ion Ratio Lower Upper

149 100

91 71.8 55.0 82.4

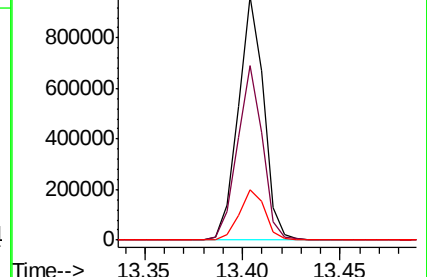
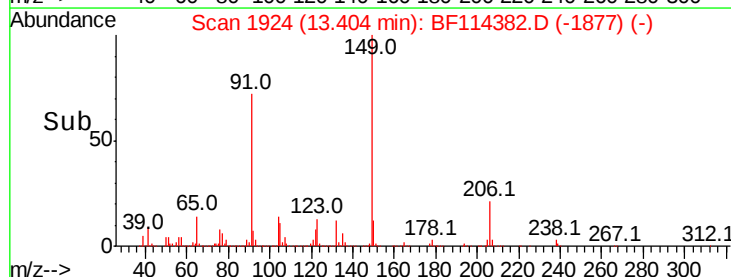
206 20.7 16.9 25.3

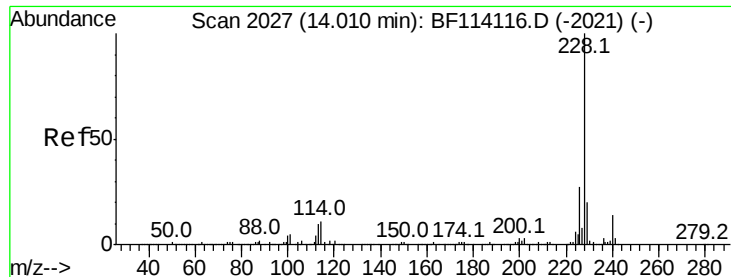


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.322 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

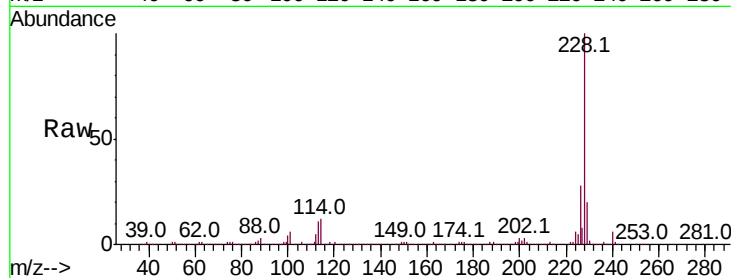
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1515440

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	20.1	16.4	24.6

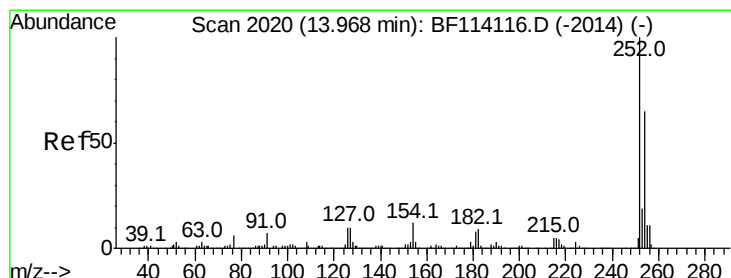
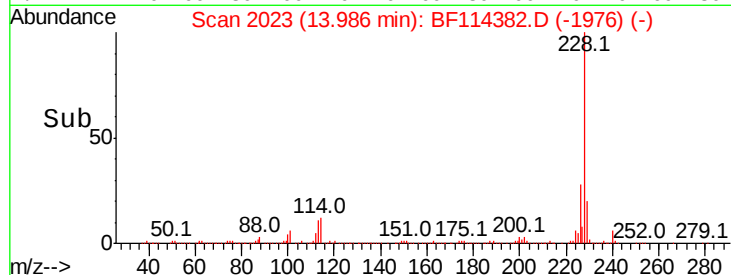
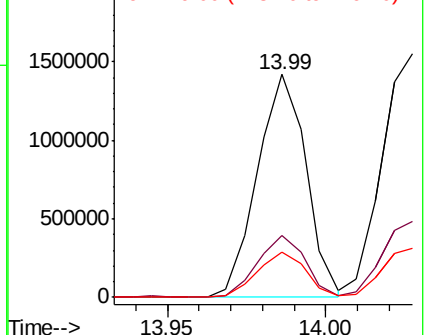


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.728 ng

RT: 13.95 min Scan# 2016

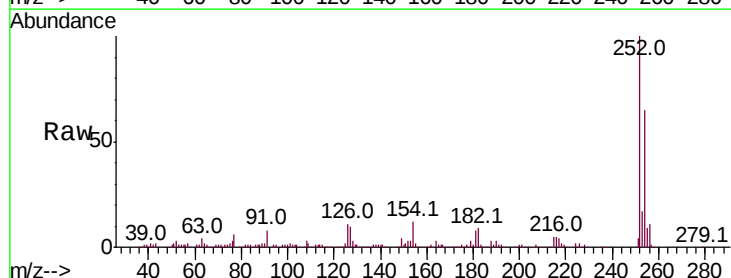
Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Tgt Ion:252 Resp: 486714

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.5	7.9	11.9

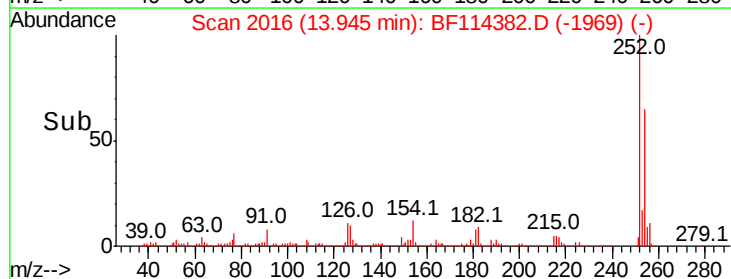
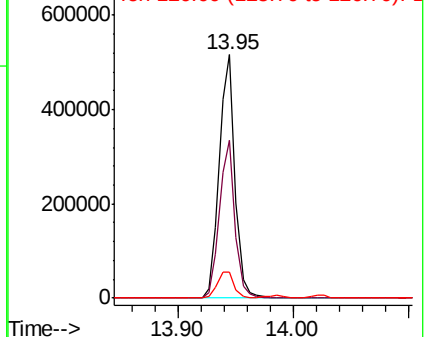


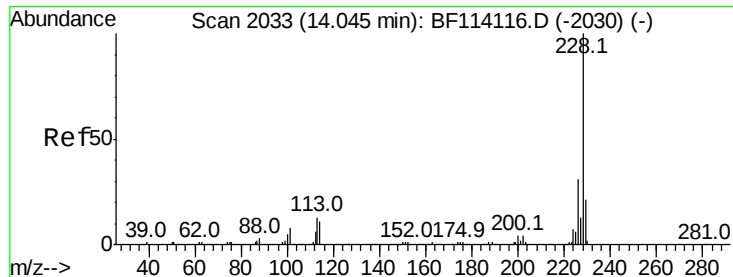
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.638 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

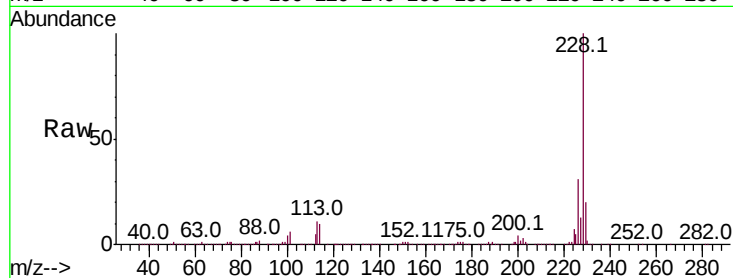
Tot Ion:228 Resp: 1497793

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.1	17.0	25.6

228 100

226 31.1 25.0 37.6

229 20.1 17.0 25.6

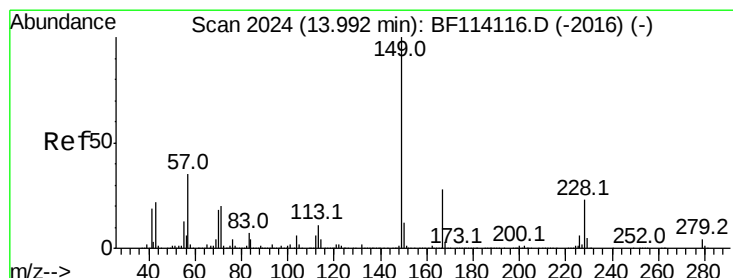
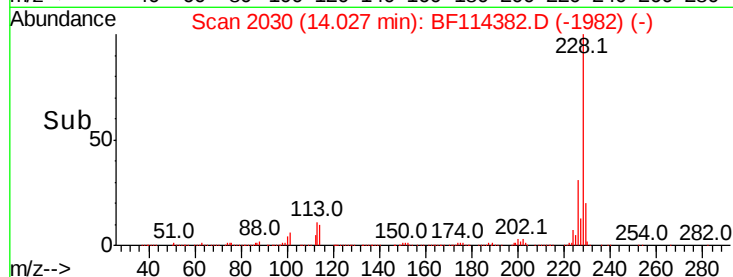
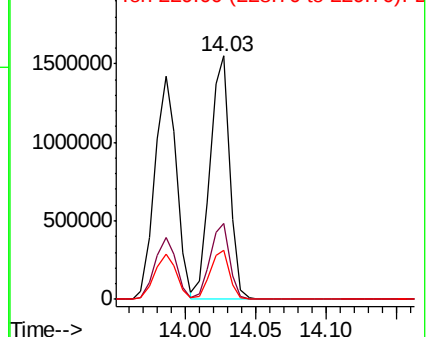


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.603 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

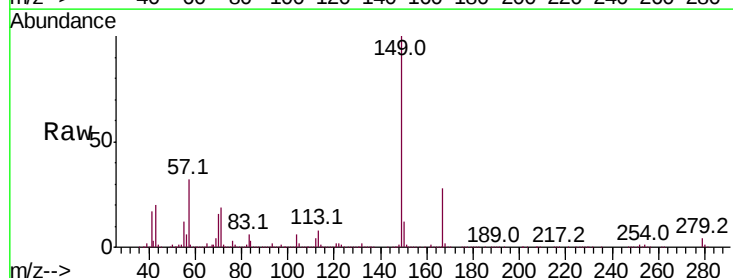
Tgt Ion:149 Resp: 1207629

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	33.8
279	4.1	3.0	4.6

149 100

167 28.3 22.6 33.8

279 4.1 3.0 4.6

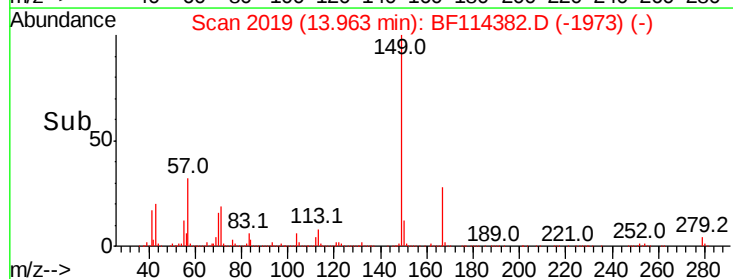
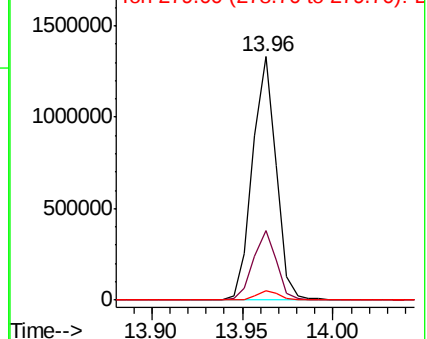


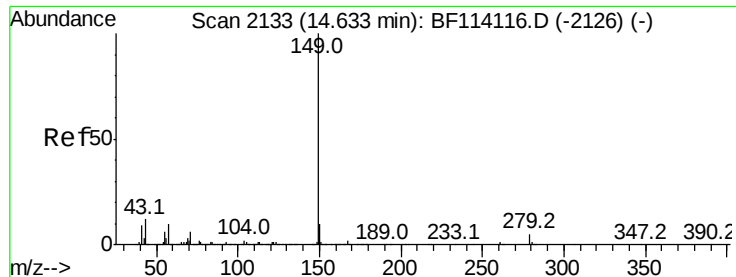
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.484 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.06 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

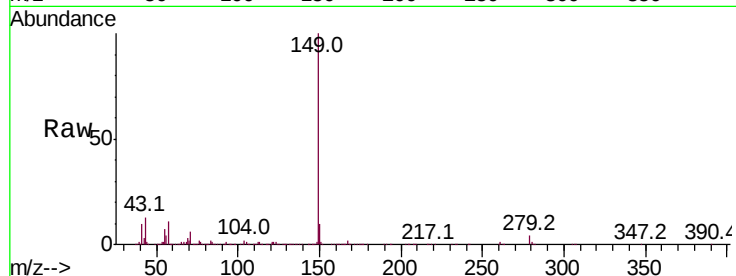
Tot Ion:149 Resp: 1952444

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

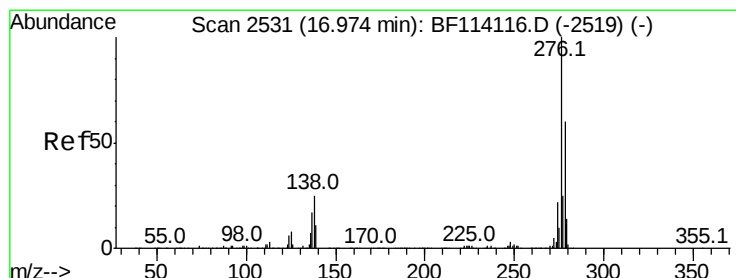
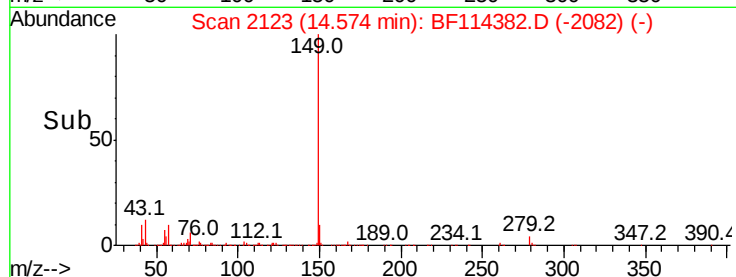
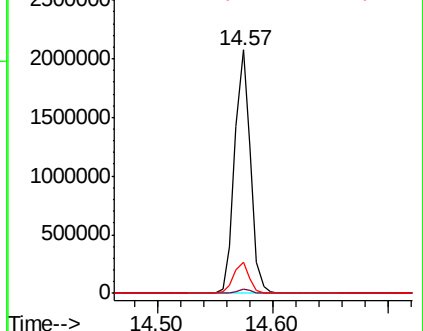
43 12.3 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.206 ng

RT: 16.94 min Scan# 2525

Delta R.T. -0.04 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

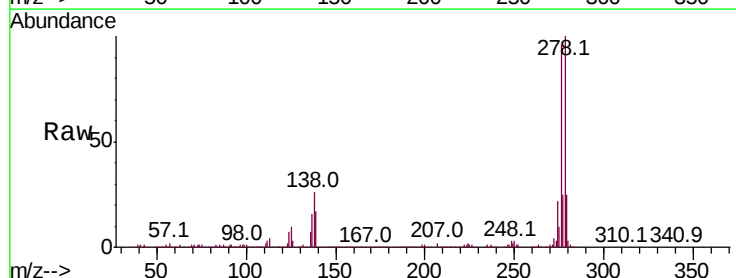
Tgt Ion:276 Resp: 1206131

Ion Ratio Lower Upper

276 100

138 26.2 20.2 30.2

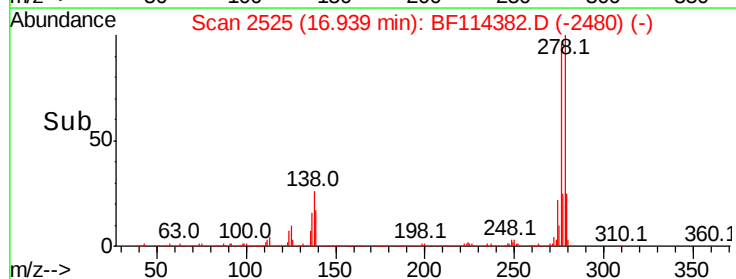
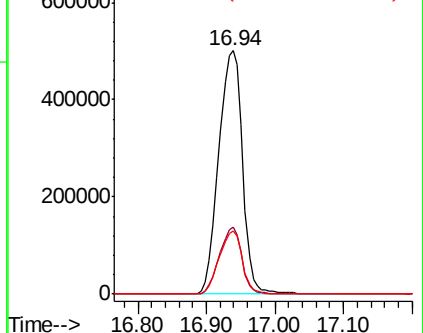
277 25.2 20.0 30.0

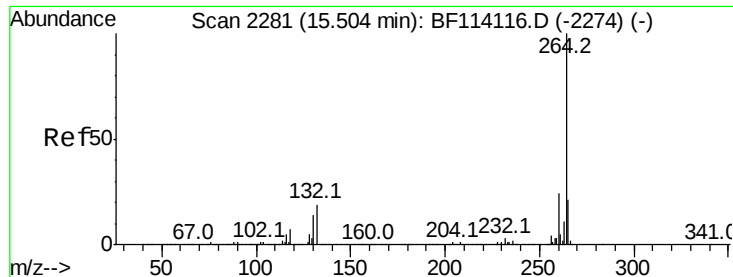


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

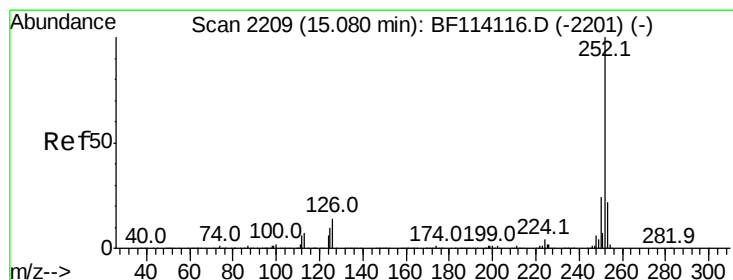
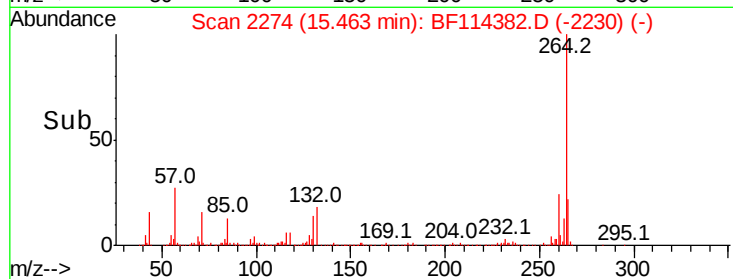
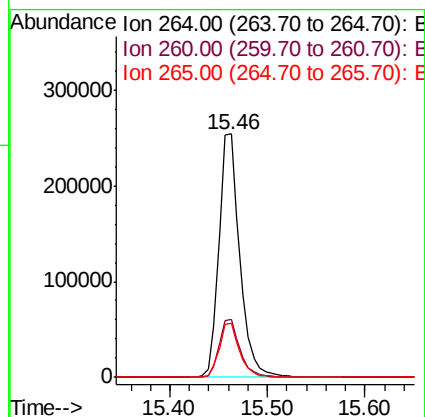
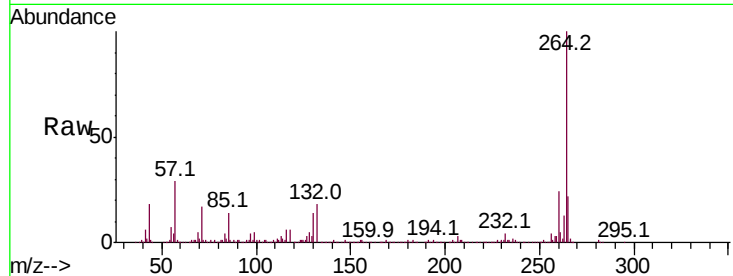




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

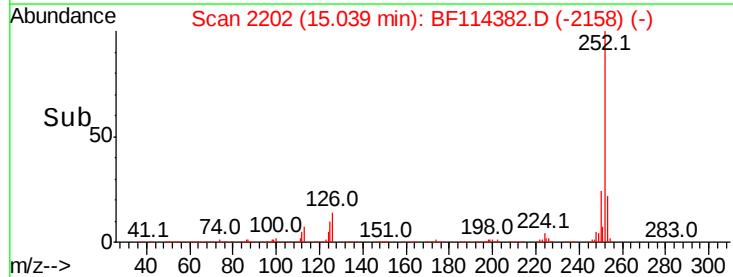
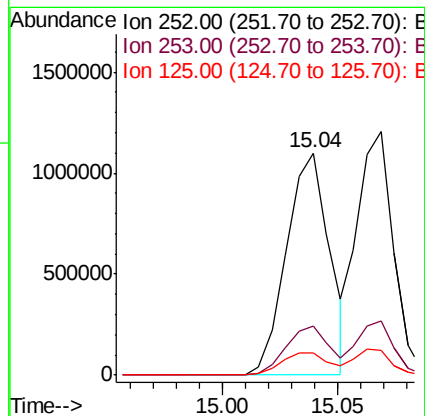
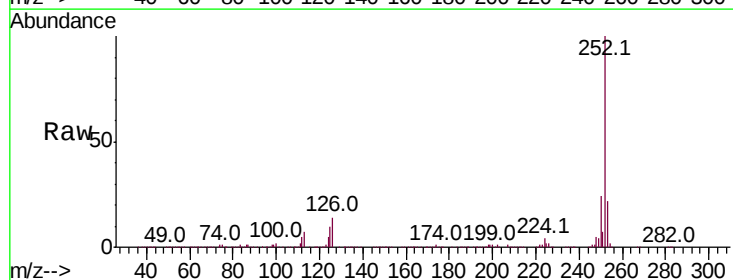
Instrument :
BNA_F
ClientSampleId :

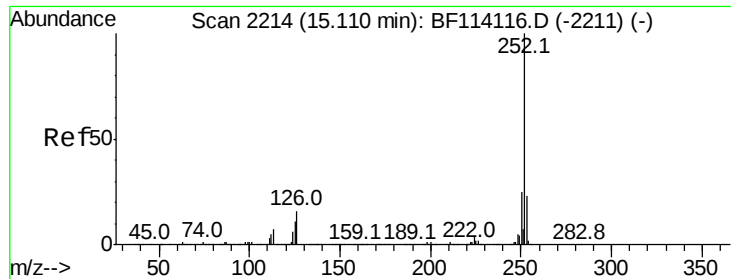
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	22.1	16.9	25.3



#88
Benzo(b)fluoranthene
Concen: 58.676 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.3	8.3	12.5

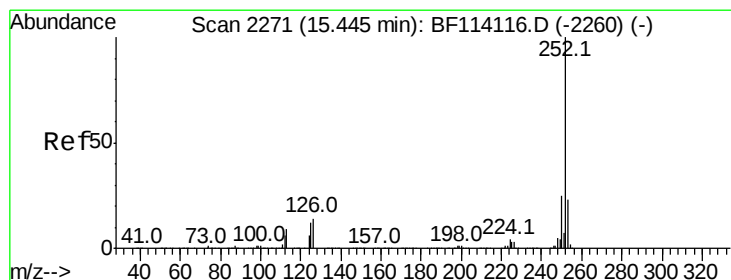
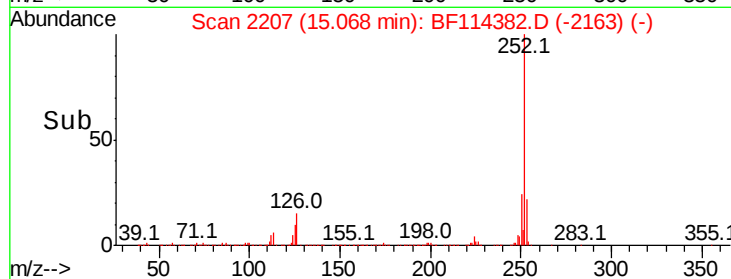
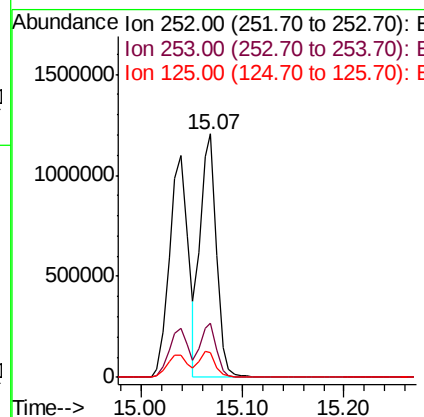
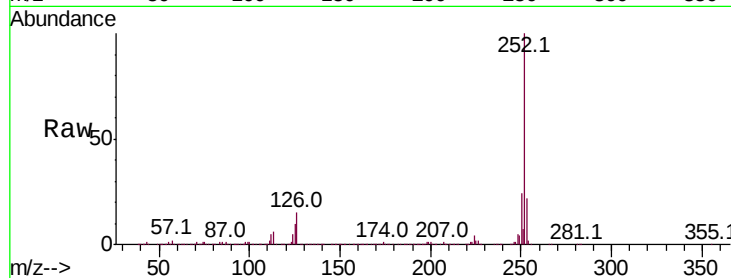




#89
Benzo(k)fluoranthene
Concen: 59.578 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

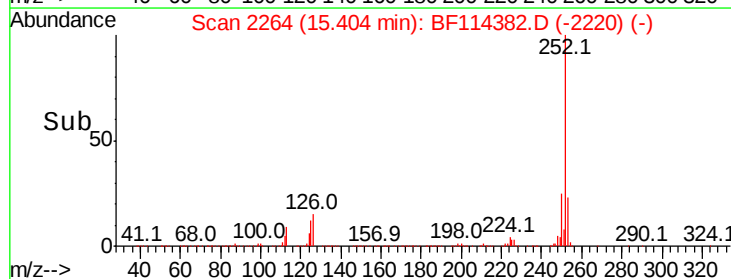
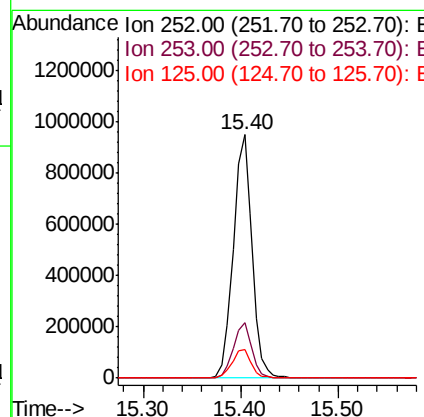
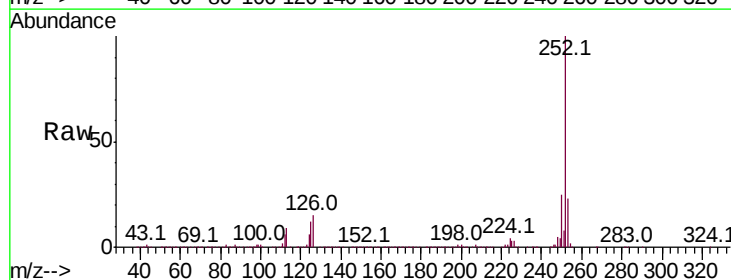
Instrument :
BNA_F
ClientSampleId :

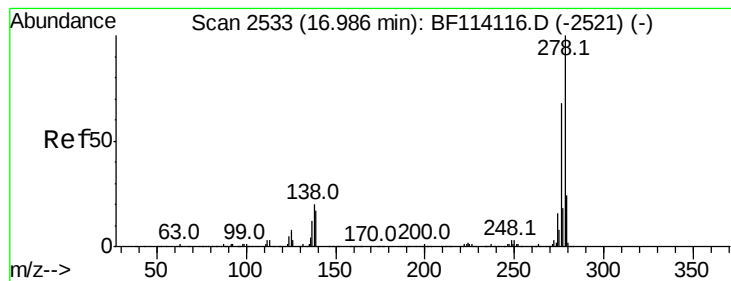
Tot Ion:252 Resp: 1322733
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 10.2 8.6 13.0



#90
Benzo(a)pyrene
Concen: 59.225 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.04 min
Lab File: BF114382.D
Acq: 18 May 2019 11:18

Tgt Ion:252 Resp: 1259752
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 11.7 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 57.805 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.04 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

Instrument :

BNA_F

ClientSampleId :

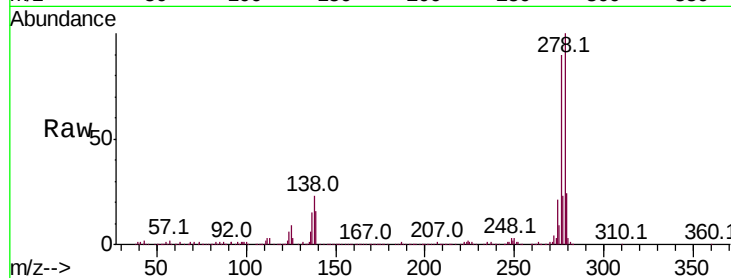
Tot Ion:278 Resp: 1021711

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	23.9	19.0	28.6

278 100

139 15.8 13.5 20.3

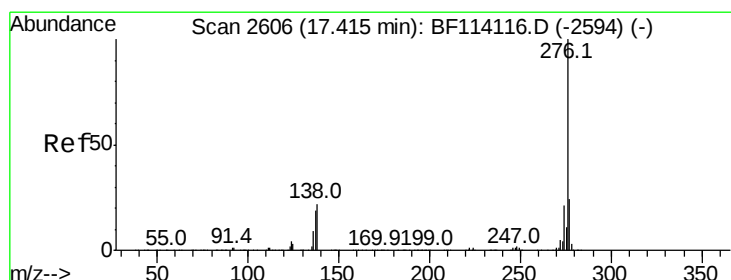
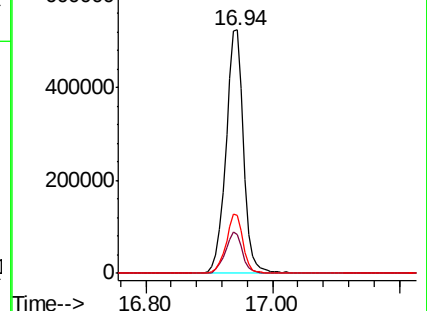
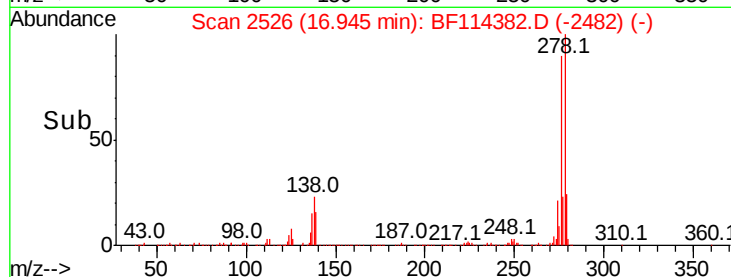
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.227 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.04 min

Lab File: BF114382.D

Acq: 18 May 2019 11:18

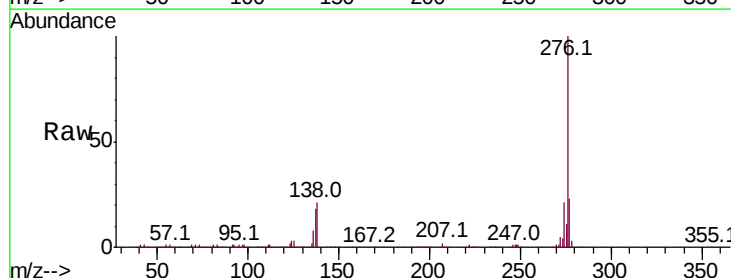
Tgt Ion:276 Resp: 1031384

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.0	28.4
138	21.3	17.8	26.6

276 100

277 23.1 19.0 28.4

138 21.3 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

